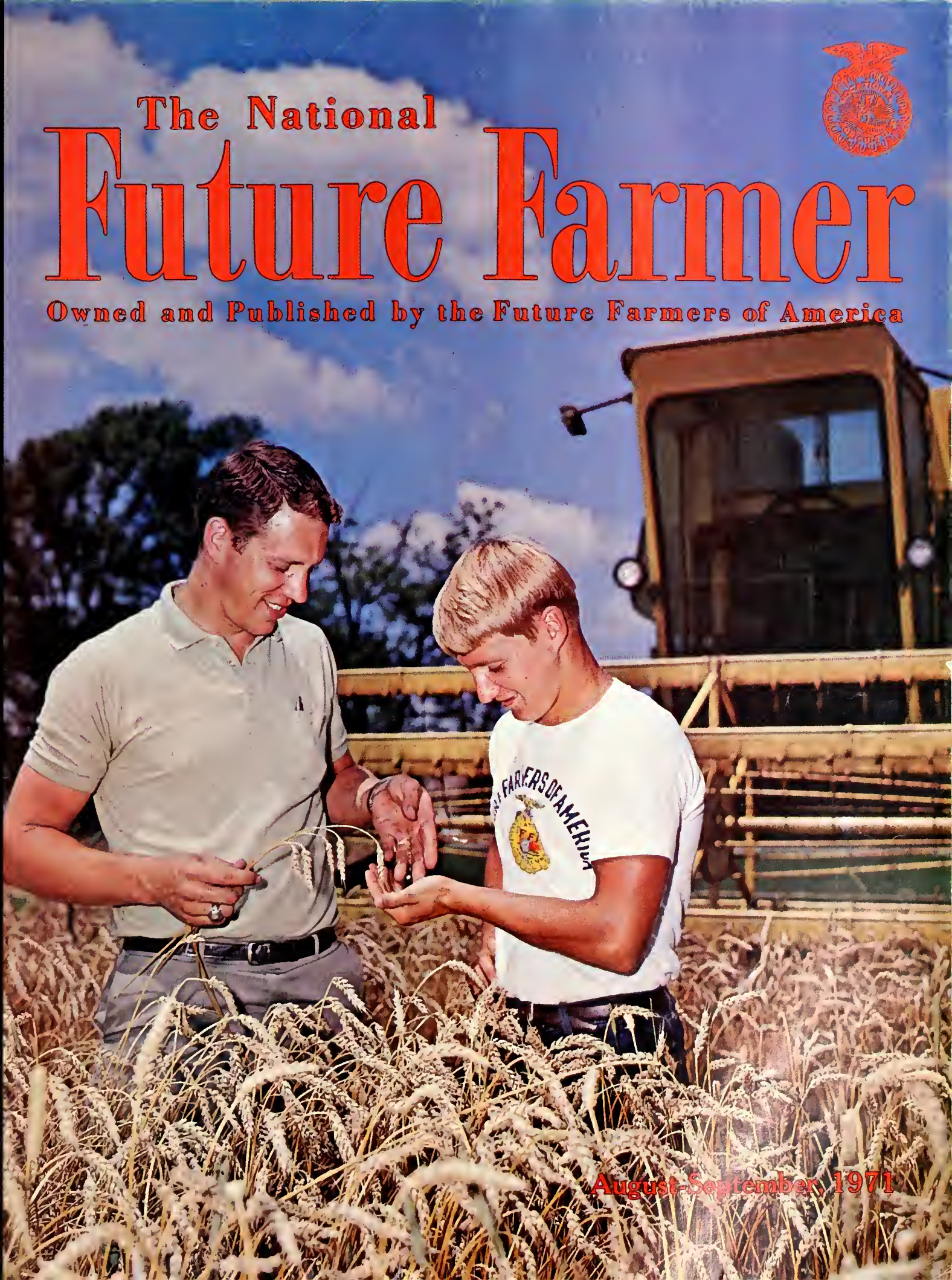
The National
Future Farmer
Owned and Published by the Future Farmers of America
August-September, 1971

You Get a Good Feeling...

...any year—and especially this year—when your most important crop is planted to hybrids developed by the world's most productive hybrid research team.

For 1972, this team has *even better* hybrids all ready for you. 100% normal cytoplasm. Every acre detasseled. Every new hybrid farm-field-tested under varied growing conditions *and proven a winner* for at least two growing seasons.

And, you'll be glad to know, many 1970-71 profit favorites will be again available for 1972. Hybrids that proved their superior yielding capacity in the rugged competition of Project:200 with 35 entrants topping 200 bushels per acre! Hybrids that won the Iowa Master Corn Growers Contest, the National Corn Growers Association Contest for non-irrigated corn.

We Get A Good Feeling...and especially this year—in being able to sponsor the F.F.A. Farm Crops Program. We appreciate this additional opportunity to be of service to you.

Dependable Hybrids. From Dependable People.

FUNK'S G HYBRID®

SEEDSMEN TO THE WORLD

THE PRODUCERS OF FUNK'S G-HYBRIDS

Funk's is a Brand Name: Numbers Identify Varieties. Funk Bros. Seed Co., International Headquarters, Bloomington, Illinois 61701

The limitation of warranty and remedy on the tag attached to each bag of Funk's G-Hybrid sold is a part of the terms of sale thereof.

The National
Future Farmer

VOLUMNE 19 NUMBER 6 AUGUST-SEPTEMBER, 1971

Departments

Mailbag	4	Chapter Scoop	28
Looking Ahead	6	Something New	33
Agri-Careers	20	Joke Page	34

Agri-Emphasis: Machinery

Managing 6,000 Acres 16 Putting Things Together 17

That Next Investment 18

Other Features

FFA's Showcase	8	Worms For Wholesale	21
Assuming New Duties	8	To Catch More Fish	22
Involved In America	10	Men Behind The Mask	23
Where It All Began	12	A New Era . . .	24
Operation Rain Gauge	13	FFA In Action	26
Rodeo=Revenue	14	Donning Tomorrow	30

Our Cover

Randy Smith of North Lewisburg, Ohio, was harvesting his golden wheat crop when Advisor Larry Vance stopped by to observe Randy's farming program. Here the Triad FFA member and advisor admire Randy's fine quality wheat stand.

Photo by Ralph Woodin

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Enthusiasm For Life

GLENN Luedke, our advertising manager, made a call at the Doyne Advertising Agency in Nashville, Tennessee, a while back. Soon he was seated in an office talking to a man he had not met before.

Logically, Glenn began the conversation with, "I don't know how much you know about the FFA so first let me tell you something about our organization."

Before he could go any further the reply came, "Let me tell you what I know about the FFA. In 1939, I was the national winner in the FFA Public Speaking Contest. In 1964, I was a featured speaker at the National FFA Convention. My brother Lester was the national FFA president in 1937-38 and . . . ."

Indeed, Glenn was calling on Wayne Poucher, a name well recorded in the annals of FFA. For over an hour they visited and reminisced about the FFA organization.

My point is simply this. When you have been a participating member in the FFA—when you have been a part of the organization and developed a feeling for it—you carry this enthusiasm for life. Time and again we meet people who proudly say, "I was a member of FFA." This is a challenge for all of us. We should work to see that every student of vocational agriculture has the interest, benefits, and pleasure of belonging to the FFA.

Before you realize it, fall will be here and the next term of school will begin. Get your FFA chapter off to a good start with 100 percent of the agricultural education students as members of FFA.

Congratulations!

Honors received by former FFA members are always topics of interest. The one received recently by former national FFA president (1946-47), Gus Douglas, West Virginia Commissioner of Agriculture, is in a class of its own. He was named "Boss of the Year" by the Charleston Chapter of the National Secretaries Association. Now that's coming a long way for a farm boy.

Wilson Carnes
Editor

Over $5,000 in prizes

Awarded Monthly

Draw "Spunky"

Let "Spunky" help you test your talent. You may win one of five $795.00 Commercial Art Scholarships or any one of one hundred $10.00 cash prizes!

Draw "Spunky" any size except like a tracing. Use pencil. Every qualified entrant receives a free professional estimate of his art talent.

Scholarship winners get the complete home study course in commercial art taught by Art Instruction Schools, Inc., one of America's leading home study art schools.

Try for an art scholarship in advertising art, illustrating, cartooning and painting. Your entry will be judged in the month received but not later than September 30, 1971. Prizes awarded for best drawings of various subjects received from qualified entrants age 14 and over. One $25 cash award for the best drawing from entrants age 12 and 13. No drawings can be returned. Our students and professional artists not eligible. Contest winners will be notified. Send your entry today.

MAIL THIS COUPON TO ENTER CONTEST

ART INSTRUCTION SCHOOLS, INC.
Studio 1G-3540
500 South Fourth Street, Minneapolis, Minn. 55415

Please enter my drawing in your monthly contest. (PLEASE PRINT)

Name_____

Occupation_____ Age_____

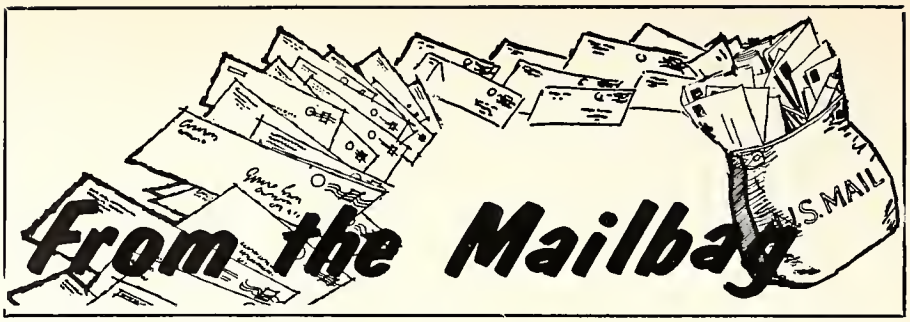
Address_____ Apt._____

City_____ State_____

County_____ Zip Code_____

Telephone Number_____

Accredited by the Accrediting Commission of the National Home Study Council.



We purchased six copies of Webster's Seventh New Collegiate Dictionary for office use and were disappointed to find that the word "agribusiness" not included.—Ed.

Springfield, Massachusetts

We have your letter of April 21 in which you state that you are "very disappointed" by the omission of the word agribusiness from *Webster's Seventh New Collegiate Dictionary*. The 130,000-entry *Seventh New Collegiate* is an abridgment of the 450,000-entry *Webster's Third New International Dictionary* which does include agribusiness. In the process of abridgment many terms were reluctantly omitted for lack of space. However, since this word is now so commonly used, we are giving serious consideration to including it in the next edition of the *Collegiate*. The term is usually written without a hyphen. Here is the entry as it appears in *Webster's Third New International*:

> Agribusiness *n* (blend of agriculture and business): a combination of the producing operations of a farm, the manufacture and distribution of farm equipment and supplies, and the processing, storage, and distribution of farm commodities

Thank you for bringing the omission of this word to our attention.

James G. Lowe
G. & C. Merriam Company

Costa Mesa, California

I read the article in April's issue concerning the new girl's FFA uniform, and this presents a problem for several girls including myself. We just recently bought the regular boy's jacket about a month ago. They are also embroidered with our names. Can we still use these jackets at the fairs, conventions, etc., or do we have to get the girl's FFA jacket also? We would like to know what to do.

Sara Herbolich

The official FFA jacket adopted for girls will be little different than the one used by the boys except in construction. You and your friends can still wear the jackets you purchased for all official FFA occasions.—Ed.

Powell, Tennessee

I have noticed members of the FFA put so many medals on their FFA jackets that they begin to look like an Army uniform.

It states in the proper use of the official FFA jacket that only three medals should be worn on the jacket.

Why do the members not obey this rule?

Mark Haskew
Clinton Chapter

Riverview, Florida

I am interested in getting touch with any other FFA member or advisor who is also an amateur radio operator. My call letters are WN4TUP.

I have been on the citrus judging, meats judging, dairy judging (placed seventh in state), parliamentary procedures teams, and the public speaker for the chapter.

Wayne Tope
East Bay Senior Chapter

Watertown, South Dakota

Maybe you can build a story around an event which we think is unique among FFA chapters. The First National Bank of Watertown, South Dakota, has held 22 consecutive banquets for the Chapter Farmer members of the local chapter. They have been our strongest and most consistent boosters in the local community.

One of their members was on the Board of Education in 1947 and was instrumental in getting the local high school to begin a course in vocational agriculture and to organize a chapter.

The pictures are by Alex Johnson of the *Watertown Public Opinion*, and I have his permission for you to use them if you wish. Other facts from the local story may be used in whatever way you wish. I believe that we have always had a front page story on the banquet.

In addition to this annual event, the bank each year sponsors a trip to the Farm Forum in Minneapolis for the president, vice-president, and the advisor.

C. R. Hall
Advisor

An example of how a chapter sent us a story idea with pictures and facts to consider for use in the magazine.—Ed.

Watertown Public Opinion Photo

If you could get more work done in less time, your cost per acre would go down.

Your profit per acre would go up.

That's why you should buy Firestone 23° bar angle tires.

Up to 28% less slip. Up to 30% longer wear. That's how Firestone's original equipment tire—the All Traction Field & Road—performs against other leading new lug designs.

This means substantial savings in time, savings in fuel, savings in wear and tear.

The same basic 23° bar angle advantages are yours in the heavy-duty Deep Tread, and the Field & Road, a quality economy tire.

And we're not asking you to take all this on faith. We have the facts. The best bar angle is 23°. Not 22° or 24°. Not 30° or 35° or 38½° or 45°.

Your Firestone Dealer or Store can give you the proof. Or write Dean Weidman, Manager, Farm Tire Sales, Firestone Tire & Rubber Co., Akron, Ohio 44317.

Firestone

For Triple-Strength Construction:
thot's the way we bond the
tread to the body, reinforce the sidewalls
and insulate every cord.

Field & Road, All Traction Field & Road—Firestone TMs.

Looking Ahead

Livestock

DRUG CERTIFICATION—The National Animal Drug Certification Committee recently launched a voluntary program whereby livestock and poultry producers can certify in writing that they have followed manufacturers' directions concerning FDA and USDA required withdrawal periods when administering drugs to food producing animals. At the time of marketing the original signed certificate which reads "I certify that all drugs and feed additives received by these animals have been used in conformity with the feed or drug manufacturers' dosage directions and withdrawal times." is given to the livestock market or meat packer. A carbon copy is retained by the producer. The objectives of the program are to assure the consumer wholesome meat, milk, and eggs while enabling producers to use properly administered animal drugs as a cost savings in production.

MEAT-TYPE DRAWBACKS—Producers of meat-type hogs will face a higher incident of death and quality loss unless they consider stress adaptation of the animals warns an Iowa State University animal scientist. Selection for the meat-type hog has altered hormonal balance, namely cortisol and epinephrine which are highly associated with the pig's ability to adapt to stress or to resist disease. Many prominent producers and packers have encountered much higher death losses in recent years in very muscular lines of hogs. Another problem of immediate concern is the higher incidence of lighter colored pork muscle and a higher rate of shrinkage.

HORSE DISEASE—Rapid spread of Venezuelan Equine Encephalomyelitis (VEE) from southern Mexico northward toward the U.S. prompted the USDA to suspend the movement of horses and related animals from Mexico into the U.S. At the urging of the American Horse Council the USDA also launched a joint U.S.-Mexico program to control VEE. The program includes vaccinating all horses, mules, and donkeys in parts of northeastern Mexico. Under the agreement Mexico will supply the veterinarians and vehicles, and the USDA will supply the vaccine and per diem expenses for the Mexican staff. Transmission of the virus which affects the central nervous system is usually through mosquitoes.

MILK PROTEIN—A University of Wisconsin dairy economist thinks the time is right for adopting protein as a price base for milk. First, with milk already priced on the basis of fat and protein, milk's only other variable constituent, why not also protein pricing? Second, consumer habits are changing with less emphasis on fat and more on non-fat solids of which protein is a major component. Furthermore, milk now furnishes about 22 percent of the protein in American diets, and the surpluses of non-fat solids are dropping as the government purchases less and less skim milk powder.

PRODUCT TRENDS—Trends in meat products are toward convenient foods, and trends in dairy products are for variety says a University of Missouri instructor of foods. Freeze-dried meat salad mixes—complete with salad dressing, mini-hams—three to five pound hams boned and trimmed, and bacon—with a heat resistant paper under each slice means less dish washing for the homemaker. Meanwhile, butter now comes in seven flavors, garlic and chive for mothers and chocolate flavor for the children to name but a few. Other trends include synthetic canned sour cream, synthetic cheese flavors, and a variety of fruit-flavored yogurt.

Crops

CORN INFESTATIONS—The National Federal State Information Center for corn blight recently reported that southern corn leaf blight has been found in 23 states. Plant pathologists emphasize that in most instances, however, infection level is light due to weather conditions. But reports do show the disease is moving from the lower to upper leaves of the corn plants in some Corn Belt states. In addition to corn blight threats, a 13-state area has been alerted to potential heavy corn borer infestations this year. Borer threat predictions are based on high populations last year, heavy over wintering populations, and evidence of early moth activity. States involved are Delaware, Maryland, Ohio, Indiana, Michigan, Illinois, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, and South Dakota.

FRUIT FORTUNES—Fruit production circa 1980: bigger output, especially of citrus, more mechanization, fewer but larger growers, greater grower/shipper integration. Economists also look for more processing and less fresh fruit with freezing to grow faster than canning in the course of the decade. Two new techniques which will stimulate further use of processed fruits are dehydrofreezing—removal of water before freezing—and freeze drying.

PLANTING WAFERS—Planting seeds in wafers has great potential for vegetable crops, small seeded field crops, and the backyard garden, report engineers from Western Illinois University and Purdue University. To make a seed wafer a small seed is placed in compressed vermiculite along with starter fertilizer and activated carbon. Besides achieving exact depth and spacing of small seeds, the vermiculite tablet when wetted expands and disintegrates. This forms an anti-crustant above the seed, and the activated carbon absorbs herbicides providing increased weed control and selectivity.

SOYBEAN FUTURE—U. S. and world demand for soybeans can total 2 billion bushels in 10 to 15 years, quotes the president of the American Soybean Association. With 50 percent of America's soybeans and their products currently exported, the key to prices next year and demand for the next decade is increasing overseas markets. With the current situation, a 5 percent increase in demand can stimulate soybean prices as much as 20 cents a bushel.

Safety

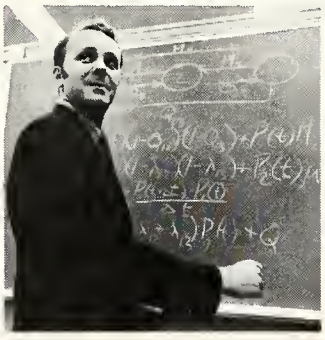
FARM DRIVERS—Farm drivers have been granted a continuation of their exemption from federal motor carrier safety regulations until January 1, 1972, reports the National Council of Farmer Cooperatives. The extension was granted by the Department of Transportation (DOT) following requests from farm groups, members of Congress, and Secretary of Agriculture Clifford Hardin. The exemption applies to farm truck drivers who are at least 18 and driving a vehicle that's: owned by a farmer, being used to haul farm produce or supplies, has a gross maximum weight of 10,000 pounds, and isn't being operated for commercial purposes. The extension allows DOT additional time to consider the merits of a broader exemption for operators of farm vehicles.

This modeler has a system that guides 365 tons of plane—with no strings.

Every modeler likes to fly bigger and bigger planes, but Wally Sterner's hobby has gotten a little out of hand. When he's not flying his ½-hp. stunter, Wally leads a group of engineers at GM's AC Electronics Division in Milwaukee. His job is to help assure the reliability of AC's Carousel IV, the automatic inertial navigation system for Boeing's 747 super jet.

Carousel IV is self-contained. It automatically navigates the super jet and maintains phenomenal accuracy without magnetic, radio, or other aids. And it's unaffected by weather. With it the 747 pilot always knows his position. At the touch of a button, he can have exact data on speed, time and distance to destination. Any information he needs is given accurately and up to the split second.

Needless to say,



it's a complicated device. There are accelerometers, gyroscopes, and a digital computer. Thousands of high-precision parts. Each must be manufactured and assembled with minimal error. That's where Wally comes in. From early prototype stages, he and his team have been evaluating design and airline operating experiences to assure product excellence. Wally calls it reliability engineering.

The results of their work can be seen in the performance record. The 747 flies with a precision that matches its size.

Carousel IV is a spin-off of another AC project, the guidance systems for the Apollo Command and Lunar Modules. With the know-how from that success, Wally and his co-workers have brought improved efficiency and safety to the airways by taking navigation from the Age of Columbus to the Age of Armstrong, Collins and Aldrin.

GM
MARK OF EXCELLENCE

General Motors
Interesting people doing interesting things.

Dan Lehmann

TRADITIONALLY the National FFA Convention has been a proud display of faith, a vivid portrayal of leadership, and a recognition of achievement. The 1971 National FFA Convention to be held at the Municipal Auditorium in Kansas City, Missouri, will be no exception as it opens with the theme: "Youth With a Purpose." The curtain opens on this showcase of the FFA on October 12 and closes October 15.

A vespers program Tuesday evening will set the stage for the convention and the first business session will begin on Wednesday morning. All sessions will include FFA business, award presentations, and nationally known speakers. The program will also include international guests who will bring a message of "Peace Through Understanding" to more than 10,000 FFA members expected to participate in the convention.

The Agricultural Career Show with over 40 exhibits illustrating career opportunities in agribusiness is a must for all students preparing for careers in the industry of agriculture. In addition, the six national FFA officers will share with FFA members the rewarding experiences of a year's service to the National FFA Organization.

"The 1971 National Convention will continue a tradition of youth involvement in improving and further developing the FFA," announces National FFA President Dan Lehmann. "We face many challenges as the FFA grows to better serve all students of agricultural education classes. The National Convention serves as a testing ground for the difficult task of decision making, leadership and responsibility so essential throughout life."

All state associations in good standing will be represented by two official delegates plus one additional delegate for each 10,000 members or major fraction thereof above the first 10,000 and two alternate delegates. Prior to the convention official delegates and national officer candidates will attend a delegate orientation.

An invitation is extended to every FFA chapter to be represented by six Future Farmers or 10 percent of its membership, whichever is greater. This figure does not include award winners or program participants. The booklet *You and Your National Convention* can help your chapter prepare for the trip.

"As your national officers we want to make this the best National FFA Convention ever held. We are enthusiastically looking forward to your attending and participating in this convention. Your response to this convention call can change your life and the lives of other FFA members," urges President Lehmann.

Assuming New Duties

TWO FFA employees have assumed positions of increased responsibility as a result of reassignments which became effective July 1.

Mr. Edward J. Hawkins, Manager of the Future Farmers Supply Service for the past 19 years, assumed the position of Administrative Director of FFA. In this new position Mr. Hawkins will assist the National FFA Advisor in carrying out the policies established by the FFA Board of Directors. Mr. Hawkins will also continue to manage the Future Farmers Supply Service.

Mr. Edward J. Hawkins

Mr. V. Stanley Allen, formerly Business Manager of *The National FUTURE FARMER*, assumed the position of FFA Controller. As Controller, Mr. Allen's major responsibility will be the handling of all FFA funds which will be channeled through a central accounting office he will head. Mr. Allen has been employed by the FFA magazine since it started in 1952.

These changes were brought about as a result of a study made by an FFA Finance Committee appointed by the FFA Board of Directors. The study has been underway for nearly a year and these changes which were authorized by the Board of Directors at their January meeting have been in the process of being implemented since that time.

The Finance Committee is composed of: Mr. James E. Dougan, Chairman, State FFA Advisor in Ohio and member of the Board of Directors; Dr. Harold L. Noakes, State Advisor in New York and member of the Board of Directors; and Mr. James W. Warren, Program Specialist, USOE, Philadelphia, and member of the Board of Directors. Mr. Julian M. Campbell, National FFA Treasurer and State FFA Advisor in Virginia and Mr. H. N. Hunsicker, National FFA Advisor, served as consultants to the Committee.

Mr. V. Stanley Allen

Find yourself in the job of your choice.

Guaranteed.

As of July first, the Air Force will be able to guarantee the job of your choice prior to enlistment.

Let's say for example, you're interested in the area of personnel administration, or aircraft maintenance. The first thing to do is to contact your local Air Force representative. He'll give you a free aptitude test and help you match up your interests to an Air Force career field. Then, after you've met the physical requirements, you'll be offered the opportunity to join up for a normal tour of duty *with this guarantee:* the Air Force will train you, place you and develop you in the field you've chosen.

And another thing to consider. Whatever Air Force job you select you can be sure you'll be trained in a skill that can keep on working for you in the future. In fact, a lifetime skill.

For more facts and a complete listing of jobs available, see your Air Force recruiter, or mail in the coupon, or, write to USAF Box A, Randolph AFB, Texas 78148.

Remember, you used to sign up and take your chances. Sign up now and you can take your choice.

USAF BOX A, DEPT. FF 871, RANDOLPH AFB, TEXAS 78148.

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ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

TELEPHONE NUMBER _____

Find yourself in the United States Air Force.

Involved in America's Future

Civic Regard

Bryan Sawyer of the Waupaca, Wisconsin, FFA puts his writing ability to use in school, FFA, and civic groups. And for it he has been accepted into the International Quill and Scroll, an international honorary society for high school journalists.

Bryan, a member of the school publications staff for three years, worked as sophomore staff head and is presently junior editor. He also served as chapter secretary for two years and as 4-H club reporter.

Presently chapter president, Bryan was master of ceremonies at the chapter banquet and served as discussion leader at sectional leadership training workshops. He was also a delegate to the National Leadership and Citizenship Conference in Washington, D.C.

With enterprises of 40 ewes and 20 sows, Bryan is a member of the Wisconsin Sheep Improvement Program, the American Berkshire Association, and the Hampshire Swine Registry. Last year he distinguished himself as the regional winner in the Funk's corn yield contest.

Participation in the chapter and district creed contests initiated much of Bryan's interest in speaking. He further competed for three years as a member of the parliamentary procedure team. After winning the chapter public speaking contest he went on to place first in the district and second in sectional competition.

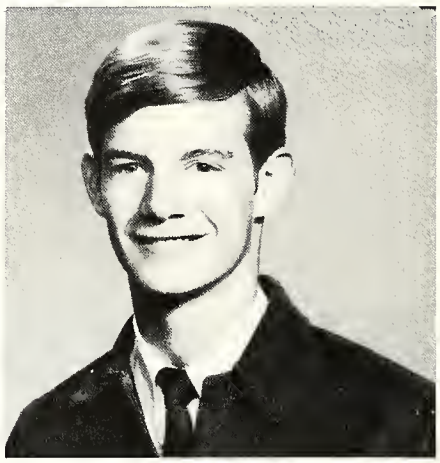
Beginning with a term as freshman class president, Bryan has been a member of the student council for three years. He is also active in the French club as an officer and is an honor roll student. Twice a recipient of the American Legion's school award, Bryan was a representative to Badger Boys State and received the forestry award in 4-H.

The fact remains, Bryan's ability to write and speak has led to this great involvement in civic activities.

Bryan Sawyer

Serving People

"David's main goal in life is to serve people," says Advisor Arnold Watkins of the Leachville, Arkansas, FFA. "He enjoys working in community and church activities that will help other people." Advisor Watkins is making these comments about David Wildy, a senior agricultural student of his.



David Wildy

David, who served as chapter president and state vice president, strives continually to be a good citizen. As a member of the student council for four years, he helped promote opening school with the pledge of allegiance. In addition, he participated in patriotic assemblies in high school and was voted the Best Citizen in the high school. He also initiated a morning flag ceremony into the Arkansas FFA Convention and spoke on an FFA Goodwill Tour.

At local civic organization meetings and in FFA speeches on television and radio David stresses patriotism and citizenship. He also gives talks at his church youth league on subjects like teenage drinking problems and serves as vice president of the group.

The young peoples' servant won his district FFA public speaking contest and received the high individual honor in district livestock judging. His prize registered Angus cattle have won many honors including the reserved champion steer and champion registered heifer at the Arkansas State Livestock Show. Incidentally, the steer won $1,700 in prize money for him in one year.

David, who enjoys flying as a hobby, plans to study veterinary medicine in college. But you can be sure of one thing as David strives to accomplish his goals in life, his primary thought is to serve people and be a good citizen.

Willing Leadership

In the Riverton, Wyoming, community, Jeff Fuechsel is considered a leader. He has been honored by the local Elks club for youth leadership and in his high school as Boy of the Month. He was also a delegate to Wyoming's Boys State where he was elected Speaker Pro Tem of the House.

Jeff, an honor roll student, served on the junior legislature at a 4-H camp for two years, being elected once as Speaker of the House for 200 delegates. He is an active member of his church's youth fellowship and is featured in *Who's Who in American High Schools.* A good example of his community concern was his seminar presentation on sheep to 80 third-grade students.

A breeder of registered livestock, Jeff is a member of the Rocky Mountain and American International Charolais Associations and belongs to the American Hampshire Sheep Association. Actively, the young leader is on the board of directors of the Wyoming Hampshire Sheep Association and recently attended the National Junior Charolais Conference as a delegate.

Jeff's activities in FFA likewise show leadership. He has won high individual honors in beef judging at the Denver Stock Show and in meats judging in district and state contests. In addition, Jeff won the district livestock judging contest three years in a row and received a gold emblem in the meats judging contest at the National FFA Convention.

Jeff, a champion sheep showman, owns 40 head of sheep and 1/3 interest in 90 Charolais cattle. This year he was named Star Farmer of Wyoming and won the state's livestock proficiency award. His plans are to major in agribusiness at the University of Wyoming.

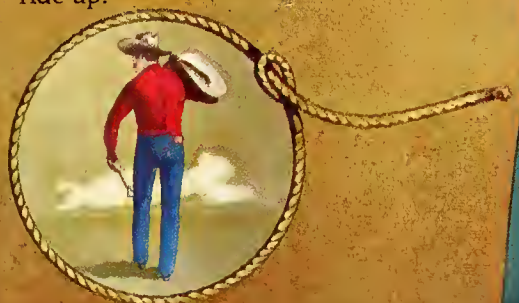
Previously, Jeff served as chapter president and treasurer and was an FFA exchange student to Missouri. Still in a leadership role, Jeff is now serving as state vice president.

Jeff Fuechsel

Nobody makes Boot Jeans like Levi's:

Copper riveted pockets.
We figured that the pockets on our newest jeans should be able to take anything you dish out. These can.

New tailoring.
If you do heavy farm or ranch work, you develop special muscles. So we developed a special fit. Our Boot Jeans stay smooth at the thighs, but are never so tight that they bind or ride up.



The Levi's brand.
Ever since the first pair of Levi's (way back in 1850), people have tried to imitate the fit and strength of our blue jeans. None have succeeded. Because nobody —but *nobody*—has ever made jeans like Levi's.

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Where It All Began

Photos by Author

The photo at the right shows the setting for marking FFA's beginning.

By Wilson Carnes

WEYERS Cave is a small agricultural community located in the Shenandoah Valley of Virginia. There, late in the afternoon of June 11, a crowd gathered after a spring shower to unveil a historical marker.

It reads: "One mile west of Weyers Cave on April 30, 1927, twenty-eight students of vocational agriculture formed the Future Farmers of Virginia which became the Future Farmers of America in 1928 at Kansas City. The organization has grown to include all of the states and Puerto Rico."

That's how it all began. As one charter member described it, "Little did we know at the time that what we were doing would develop into anything like it has today."

Six of the charter members of the Weyers Cave Chapter were on hand for the unveiling as were other area residents and both state and national FFA leaders. After the unveiling the crowd gathered at the Weyers Cave Elementary School for a banquet and program.

The Weyers Cave Chapter no longer exists but has become a part of the Fort Defiance FFA Chapter through school consolidation.

The historical marker is located on Highway 256 about one mile east of Interstate Highway 81 and was placed there by the Weyers Cave Ruritan Club. Ruritan is a civic organization for rural communities.

According to Mr. John Long, principal of Fort Defiance High School and a former teacher of vocational agriculture himself, the unveiling was a result of a project which began three or four years ago when the local Ruritan Club purchased the corner of a farm which had been isolated when the highway was constructed. It is now a picnic area and Ruritan plans further development as a roadside park.

Then began the long process of constructing the sign. The first problem to be overcome was that of a suitable mold for casting the historical marker. The FFA emblem itself proved a problem until a former member, Leon Green, Jr., carved the mold. Another former member, Hunter Earhart, superintendent of a foundry for Virginia Metal Crafters, poured the casting. Prior to this, however, the erection of the sign and the actual wording had to be approved by the Virginia Historical Landmark Commission.

Among those present for the unveiling was Mrs. Ernest B. Craun, widow of the founding Advisor Ernest B. Craun, and her son Ernest B. Jr., now a county agricultural agent. Others included Professor Harry Sanders, former head of the agricultural education department at Virginia Polytechnic Institute and one of the founders of the Future Farmers of Virginia. Another founder, Dr. Walter S. Newman, former state supervisor of vocational agriculture and former president of Virginia Polytechnic Institute, could not be present on doctor's orders but did send a statement in honor of the occasion.

Randy Roller, Virginia FFA President, told the group assembled that, "We owe a debt of gratitude to our founders that can only be repaid by continuing to promote the organization and bettering ourselves through experiences gained in FFA."

Speaking for the National Organization, William Paul Gray, National Executive Secretary, said, "All 430,000 boys and girls who are members of FFA would be proud to be here to share this moment with us."

Virginia's Executive Secretary, Mr. John Myers, praised the former Weyers Cave Chapter and the community for their record compiled over the past 45 years. These included a National Officer, a National Public Speaking contest winner, 9 students who received the American Farmer degree, 13 officers of the state association, 87 members receiving the State Farmer degree, 4 state contest winners in parliamentary procedure—to name just a few.

Speaking for Ruritan National, Clarence Tardy of Lexington, described the FFA as "an organization built on improving, building, and constructing—not burning, tearing down, and destroying."

Among the Weyers Cave Chapter's distinguished alumni is O. Beverly Roller, now FFA advisor at Fort Defiance, a former National Officer, member of the state legislature, and father of State FFA President Randy Roller.

It has been said that nothing is as powerful as an idea that has found its time. This historical marker at Weyers Cave, Virginia, commemorates such an event in our history.

The six charter members at the unveiling were: left, Rollin Wampler, Casper Bosserman, Charles Shreckhise, Nelson Bibb, Joy Glover, and Alvin Eddins.

Mrs. Craun, Randy Roller, and Mr. Gray visit after the banquet at Weyers Cave.

First the dance . . .

. . . then the rain!

Operation Rain Gauge

By Dan Reuwee

RAIN gauge in one hand and umbrella in the other, four Minnesota FFA members stood with government officials on a concrete platform in a drenching rain. The rain wasn't real, it was brought on by an Indian rain dancer whose signals to two FFA members holding hoses on a nearby rooftop, caused the timely downpour for the Minneapolis news media.

Sound wild? You bet—but that's the kind of enthusiasm one can expect when a new FFA activity is launched in Minnesota. The ceremonies took place on the University of Minnesota campus late in April when FFA members launched "Operation Rain Gauge," a unique new FFA activity in cooperation with the U.S. Weather Bureau. More than 2,000 FFA members in 160 Minnesota chapters are to be involved in the project this year.

The purpose of the gigantic weather watch is to help state meteorologists get a more accurate picture of rainfall throughout the state. "We know generally what the rainfall is across the state," says National Weather Service Meteorologist Joseph Strub. "But we need more ground observations to help us interpret what we see on radar. With over 2,000 FFA members collecting this information we will have more than four times the number of rainfall reports now available."

Although the project got underway in April, there has been little to report thus far says State FFA Executive Secretary W. J. Kortesmaki. "In fact, the weather experts were so successful in holding off expected precipitation for Minnesota until the latter part of May that we extended the deadline for joining Operation Rain Gauge to May 27," he says rather jokingly.

Special wedge shaped rain gauges are made available to all Minnesota chapters from the state FFA association. Each participating chapter is asked to elect a chapter climatologist who is responsible for recruiting members to place the gauges at home. He also collects the monthly rainfall reports and sends them to the U.S. Weather Bureau by the tenth of the month. Gauges are checked daily by the members and rainfall is recorded on a report form. The recording is simple and takes only a few minutes each day. The U.S. Weather Bureau intends to program the rainfall information into a computer.

State sentinel Dennis Sandmann takes one of the first rain gauge readings.

According to Earl L. Kuehnast, Minnesota State Climatologist, "This is the first attempt in the nation to obtain this kind of information on such an intensive scale." He says the reports will be a valuable resource in following up weather studies made in recent years.

"We've found extreme and unexpected differences in rainfall from one township to another," he explains. "Rainfall strips or alleys are believed to exist but their cause is a mystery. A dense gathering of rainfall measuring outposts could benefit dam and highway builders, farmers, flood fighters, conservationists, and everybody who is interested in the daily weather forecast," says Mr. Kuehnast.

One reason why Minnesota FFA members are so enthusiastic about Operation Rain Gauge is that everyone can be involved. It is hoped that eventually all 13,000 FFA members in the state will participate in the project.

Mr. Kortesmaki thinks that if the project is successful it will be adopted by FFA associations across the nation. "We feel Operation Rain Gauge has a lot of merit," he says enthusiastically. "If it works here in Minnesota, we want to help other states initiate projects like it so the FFA can have an important role in weather forecasting."

High school cowboy Ronnie Zinn is still sitting solid following the first spin out of the chute by his bull.

Rodeo = Revenue

How does the Weatherford Chapter put on an annual first class rodeo?

By Carl Singer

HAVE you ever been in on a *double mugging?* Do any *sand surfing* or *ride a hide?* In Texas this means rodeo, FFA style.

For 15 years the Weatherford, Texas, FFA Chapter has been sponsoring a high school rodeo for fun and profit, and they've had lots of both. Last spring the chapter netted about $3,000 from three performances after all expenses were paid. While they were cashing in at the box office, they were also entertaining over 300 high school cowboys and cowgirls from 45 different Texas schools. Although this past year was one of the best, they have consistently netted over $1,000 from the very first show back in 1957.

It all started at a typical FFA meeting with the wild idea, "Let's have a rodeo." It was enough to gray an advisor's hair, even a ten-year veteran like Advisor Sam Skiles. Since he was then and is now a member of the Parker County Sheriff's Posse that annually sponsors a professional rodeo, Advisor Skiles knew that the FFA'ers were asking for work, worry, and possibly even a financial flop. He agreed to the idea with the provision that members find 75 men of the community to work with them on rodeo committees.

When the organization was set up there were 14 committees ranging from publicity and programs to arena police and concession stand. Both an adult and a student committee were appointed in each category. They met together to plan their part of the show and then the adults filled in where needed in the actual work.

In the 15 consecutive shows, the Weatherford Chapter has never missed a rodeo. One year 11 inches of rain fell on Friday afternoon, but the arena crew got to work on the grounds and was ready for the night's performance.

There have been a few changes in the program through the years but basically there are nine events most popular with contestants and spectators alike.

Bareback Bronc Riding—Very popular with contestants. Nearly 100 boys entered this last spring. Contestants furnish their own rigging in this and all events. Five riders come out in each show. Others compete in a special "after show go-round."

Bull Riding—These are tough bulls from the professional string of the rodeo producer, but even so this event is so popular that a limit has to placed on the number of entries. There is only one "go-round" in both of the riding events.

Calf Roping—Each roper gets two calves during the show. The rules are the same as for professional rodeo calf roping.

Girl's Barrel Race—This is a timed event with girl contestants riding into the arena at full gallop and making a cloverleaf pattern around three barrels. There is a ten second penalty for knocking over a barrel.

Double Mugging—Actually a roping event, this has two participants. The first on horseback ropes a steer weighing 500 to 600 pounds. The second boy must throw the steer (the mugging) and remove the rope from the animal's neck. Meanwhile the rider dismounts, pulls a taped ribbon from the back of the steer, and takes it on foot to the judge. When all of this has been completed, time is marked. The shortest lapsed time wins.

Sand Surfing—A three by six foot surfboard is constructed of heavy plywood. A rope is dallied around the saddle horn and connected to the surfboard. A horse and rider starts pulling the surfer around a pre-determined course. The surfer must be upright on the board across the start and finish line. How he manages in between is his problem. He can either ride or run. The shortest lapsed time wins. Many girls participate in this event. A variation of this event is to use cowhide instead of the surfboard with the contestant lying down while being pulled over the course. The cowhide led to several near injuries and has been discarded in favor of the sand surfing.

Steer Saddling—Three boys participate in this team event. A 500- to 700-pound steer is released from a chute on a 12-foot rope held by one team member. He must get the steer across a starting line by himself. Once across he is joined by two others who try to put a saddle on the animal. This accomplished, one boy gets in the saddle and the others push, pull, or coax the steer past the finish line for a time.

Flag Race—For boys or girls, this is another race against the clock. A rider starts out with flag on a short pole. He rides to the far end of the arena and around a small barrel filled with sand. Sticking up from the barrel is another pole and flag. The rider must exchange flags as his horse turns the corner. His time stops when he crosses the finish line with the new flag.

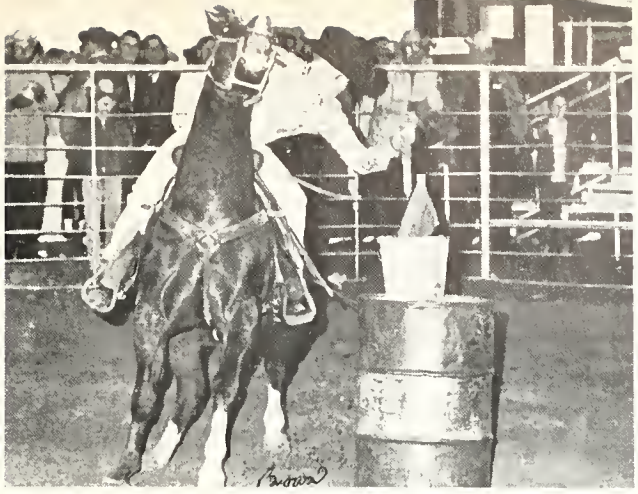
Girl's Goat Tying—This is handled the same as boy's calf roping. The goats present a strong challenge to most of the participating girls.

The Weatherford FFA enters into a contract with a professional rodeo producer to supply the stock for the show each year. This arrangement has always been for one-half of the gate only, with the producer standing part of the risk of bad weather. Three to six dollar entry fees are charged for each event with all of this money going to the chapter. Last year entry fees amounted to $1,500. Another major source of income is the concession stand where proper management should result in about 50 percent profit.

With income of about $6,000 last year, the chapter paid just over $3,000 in expenses. The largest, of course, was the producer's share of $1,500. There was $300 spent for trophies and ribbons, $190 for arena liability insurance, about $200 for printing, and $620 for concession stand supplies. This ratio of a 50 percent profit has held good through most years.

Only trophies and ribbons are awarded the winners so as not to interfere with their eligibility for other high school sports. A trophy is also given for the high scoring team in each event and to the team which gathers the most points in the entire show.

There are several points where the assistance of profes-



Weatherford member Gary Kemp changes flags before turning his horse loose for the final leg of the flag race.

sional rodeo people is recommended. Experienced pickup men and clowns are needed to get the contestants away from the bucking stock. The rodeo judges need to be either professional rodeo men or have an excellent knowledge of the rules of the contests. This professional competence will eliminate most all disputes on scoring.

Each year vo-ag instructors and principals at schools throughout northern and central Texas receive an invitation for their school to participate. The invitation, which goes out about six weeks before the rodeo, is extended to all high school boys and girls in the top four grades. With the invitation are complete details of events and entry fees. To be officially entered a student must return the entry blank which doubles as a release from liability should injury or loss occur to the contestant while participating. These releases must be signed by parents and school officials before the entry is official.

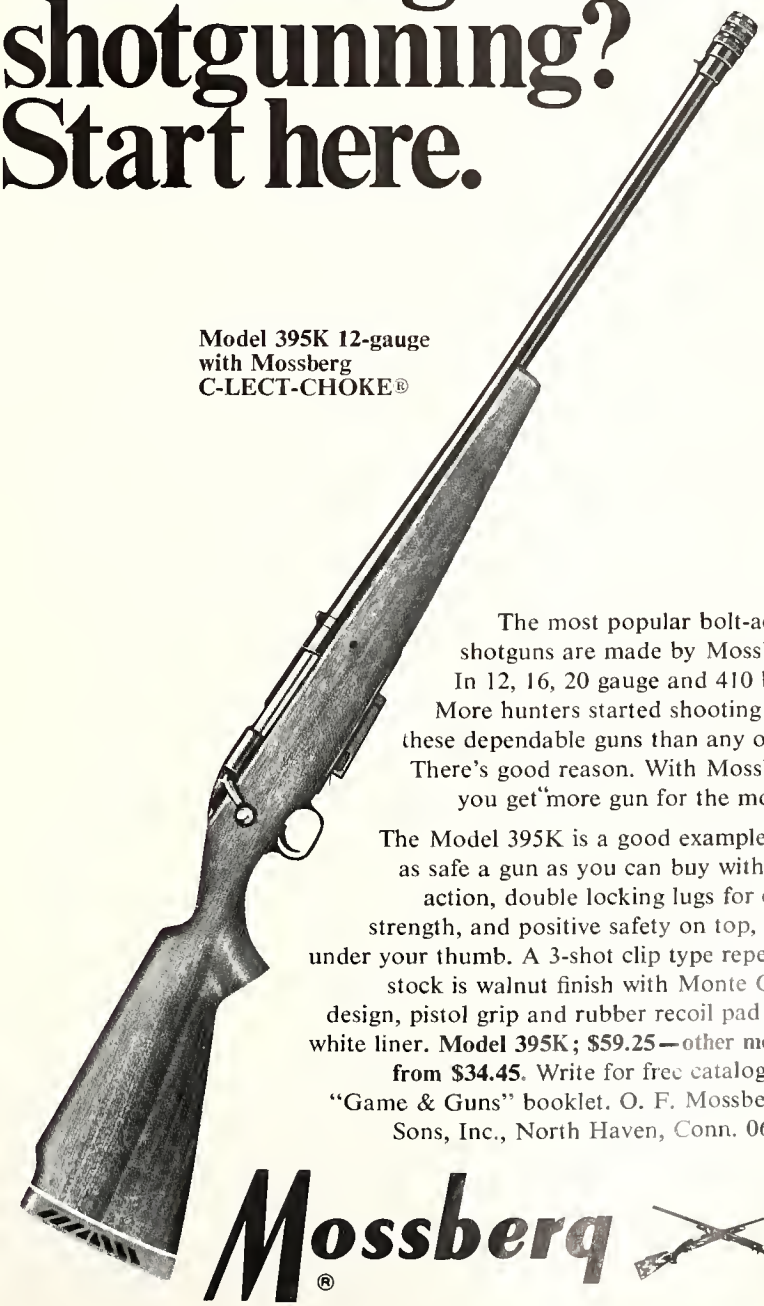
The rodeo is the only money raising project of the Weatherford Chapter, and it has provided funds for a program of work that has resulted in three National Chapter ratings in the last five years. Some of the projects for which these funds are used include most expenses for an annual fishing trip for all chapter members and two scholarships per year to Weatherford Junior College for chapter members who intend to pursue an agriculture career through a senior college.

The Weatherford FFA Rodeo was planned originally with the full cooperation of school officials and the board of trustees and has continued to operate in this manner. Over these 15 years the chapter has doubled in size to the present 125 members. To properly oversee the actual operation of the rodeo even the duties of the advisors are split. Advisor W. L. Barber, who has been at Weatherford over 15 years, handles the concession stands with the assistance of freshmen and sophomores. Advisor Skiles assigns junior and senior classmen to the heavier work details of stock handling and chutes. In this manner, there is always a teacher available at either end of the arena should a problem arise.

Both advisors agree on the importance of the rodeo to the Weatherford Chapter as they say, "Not only have we enjoyed financial success, but we feel that many young men have developed additional leadership abilities and initiative through their association with ranchers, professionals, and businessmen of the community. The enthusiasm this rodeo maintains in our chapter lasts all year long and carries over into other projects."

Look around you. Maybe you can't stage a rodeo, but there's something that your community will be happy to help you sponsor. *(The author is manager of the hometown Weatherford radio station, KZEE.)*

Thinking about shotgunning? Start here.



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Ken checks and restocks his supplies prior to his summer farming operations.

Managing 6,000 Acres

With large machinery this rancher-farmer handles it by himself. ***By Ron Miller***

Agri-Emphasis: Machinery

OPERATING 6,200 acres takes big equipment and Kenneth Mesaros of Great Falls, Montana, has a full line of dry land farming machinery to do the job.

Farming on a 50-50 basis with his father, Ken manages about 2,000 acres of crops, some 4,000 acres of pasture and hay land, and summer fallows the remainder. He annually grows over 1,000 acres of winter wheat and 300 acres of spring wheat.

For tilling Ken owns a crawler tractor, a wheel tractor, a duckfoot, and a disc. About a year ago he purchased a rock picker and more recently a 46-foot duckfoot. With two drills, a sprayer, a combine, and two trucks the young rancher-farmer has the equipment it takes to handle a large wheat crop.

To repair equipment in the field Ken converted an old panel truck into a mobile shop. The truck features a welder and other equipment for making major field repairs, as well as tools for fixing minor breakdowns.

Kenneth does most of his own shop work, too, including overhauling trucks and tractors. He has also repainted trucks and machinery and rebuilt axles. On the livestock side of the operation, Ken remodeled corrals and converted an old chicken house into a modern calving shed. He also built hay wagons, cattle chutes, and stock water reservoirs.

Making hay on the Mesaros' ranch is a fully mechanized operation, too. In addition to a swather and baler, Ken owns a stacker for locating hay near feeding areas.

On the pasture land he ranges 80 Polled Hereford cows. Ken started with two calves at age seven and now sells preconditioned calves for shipment to feedlots. He developed his herd by keeping most of the heifers as replacements.

Over the years the young rancher has based his culling program on milk production. By marketing all cows lacking in milk, he has raised his average weaning weight by almost 90 pounds.

Kenneth's mother died when he was 13 years old. At age 16 he started operating the home farm of 4,565 acres with his father. He later bought a 1,640 farm with 900 acres of cropland. "Without FFA and vo-ag it is doubtful if I would have been able to get the bank loan to buy it," Ken remembers.

With the illness of his father in 1969, Ken took over full management of the operation, including his father's extensive cattle holdings. At the time, Ken was attending Montana State University where he was class vice president. After a year out of college he returned and is now a Junior.

In FFA, with guidance of Advisor Ralph Mannix, Ken served as chapter president, state vice president, and a delegate to the National Convention. He won the Cascade Chapter Star Farmer award and the regional livestock farming proficiency honor. Moreover, his wheat crop earned him a Montana Quality Grains award.

In high school, Ken, who held class offices all four years, served as junior president and co-captain of the football team. As a senior he received a national high school award for excellence.

As State FFA Advisor Basil Ashcraft puts it, "Ken Mesaros has been able to overcome misfortune and become a mature, capable manager, reflecting great credit upon himself, the FFA, and vocational agriculture."

Ken's duckfoot cuts a 24-foot swath on summer fallowing.

Field repairs save Ken many hours of time and expense.

Victor replaces broken and worn parts before the season to avoid breakdowns and maintain customer satisfaction.

Putting Things Together

Custom work allows this poultryman to get maximum use out of his machinery.

FOR Victor Howell of Jasper, Florida, custom harvesting and broiler production complement each other. Similar to using the proceeds from his broilers for increasing production, Victor puts the income from custom harvesting to use in enlarging his crop operation.

Victor's custom harvesting equipment includes two combines and four heavy-duty trucks. Victor, in partnership with his father, operates one combine and manages the harvesting end of the operation while his father handles the trucking portion of the business. The upkeep and maintenance of the equipment is done by the younger partner.

Using the income from custom harvesting, the partners have enlarged their 140-acre farm operation by adding 300 rented acres. Their overall cropping program includes corn for grain, tobacco, truck produce, pasture, and forestry.

Victor, a state winner of the Funk's 304-bushel challenge, ranked third highest in the national contest. To do this, in addition to applying recommended fertilizer and chemical applications, Victor plants indigo as a cover crop on the sandy Florida soils.

In recent years Victor has made several changes in his tobacco operation. He has mechanized transplanting and now mechanically harvests as much as 3,100 pounds per acre. He also uses a power sprayer on his varying acreage allotment of five to ten acres.

Victor's broiler operation totals 195,000 birds per year, with each batch running about 39,000 birds. The supplier furnishes chicks, feed, and supplies to Victor without charge. Using automatic feeding equipment he raises them to market weight and receives 5 to 7 cents a pound—depending on his feed conversion rate. Formerly, the winner of the Southeastern Poultry and Egg Association contest bought feed, chicks, and supplies under contract and received total value for the finished broilers he produced.

To keep his harvesting and poultry equipment running Victor has a fully equipped shop. Many of the tools—including the grinder, torch cart, and air compressor—are self-made.

He also uses his mechanical skills for making things easier out in the field. On the trucks he constructed trailer hitches, different racks including tarp and dirt boxes, and saddle fuel tanks. Moreover, he adapted an air conditioner to the combine that didn't have one and built a trailer for hauling irrigation pipe.

Victor served as president and secretary of the Hamilton County Chapter under the direction of Advisors Millin Galing and Ronald Hobbs. The young producer earned chapter, district, area, and state Star Farmer awards. Furthermore, he won district and state proficiency awards in poultry and crop farming. The American Institute of Cooperation honored him as the state cooperative contest winner and as delegate to their national institute.

Victor attends nearby North Florida Junior College while he continues to maintain the entire farm and custom operation. He plans to complete his studies in agricultural education at the University of Florida.

Alternating hybrids of slightly different maturity for better pollination and timely applications of water enables Victor to obtain top quality corn yields.

That

DECIDING when to buy, trade, or rent machinery and equipment for your farm or agribusiness involves many crucial decisions. And you've probably made some of them without knowing if you've done the right thing until it was too late.

When making such a decision there is no substitute for detailed records. With them you can determine the costs of owning a particular machine, and these costs can then be compared with the cost of investing in new machinery of the same type. If, however, you do not have complete records on every machine you own, it is still possible to estimate expenses.

The following procedures, developed by Georgia and Iowa State agricultural engineers, can help you obtain reliable cost estimates with only a small amount of data.

The costs of farm machinery fall in two categories—namely fixed or overhead costs and variable or operating costs. You will note that several calculations are based on the average value of a machine over its useful life. Therefore, to begin, find the machine's average value by adding the new cost to a 10 percent trade-in or salvage value and divide by 2.

Fixed Cost

Depreciation. There are several ways of determining the loss in value of a machine due to wear or age, of which the easiest and most used is the straight-line method. In this case, the new cost minus the trade-in value is divided by the estimated years of a machine's useful life. A service life of 6 to 8 years is usually used when calculating the average annual depreciation.

Depreciation value can also reflect the hours of use in different years. As before, subtract the salvage value from the new cost, but then divide the result by the estimated lifetime service hours —about 12,000 hours for a tractor and 2,500 or less hours for most other implements. The answer, depreciation per

No matter how large or small your agribusiness enterprise is, making those machinery investment decisions are tough ones.
John Russell Photo

Next Investment

Here's a procedure that can help you make upcoming machinery decisions. ***By Ron Miller***

hour of use, is multiplied by the actual hours used which can be obtained from the tractor hour meter.

Other methods for figuring depreciation take into account both years and hours of use. Information concerning more complicated procedures can be found in the Farmer's Tax Guide. A copy is available from your area office of the Internal Revenue Service.

Interest. As you know, this cost is what you are charged for borrowing the money you actually invest in a machine. It can also be considered the opportunity cost of putting your funds into machinery rather than another investment.

A simple way of figuring yearly interest is to multiply the current rate by the average value of the machine. The rate of interest will be either the percent charged on the implement loan or the percent you could receive on another kind of investment.

Housing. Figure only the space occupied by the particular piece of equipment of which you are determining the cost. Estimate the square footage and multiply it by 10 cents per square foot or by the actual amount paid per square foot of housing.

Taxes. This fixed cost will vary by area and, therefore, an appropriate proportion of the actual value paid is the best estimate. However, a good tax estimate can also be found by multiplying the average value by a factor of .00325.

Insurance. If you can attribute a portion of the premium to the particular equipment, use this as the cost amount. Otherwise, the average value times a factor of .0038 will provide a good approximation.

The above procedures for determining housing, tax, and insurance costs separately were worked out by University of Georgia economists.

Shelter, Insurance, Taxes. Fairly accurate estimates of shelter, insurance, and taxes can likewise be obtained with one calculation. Iowa State engineers suggest that a lump sum of these annual costs can be arrived at by multiplying the purchased price of the machine by 2¼ percent.

Specialists at both experiment stations recommend that collision and liability insurance also be included in truck computations.

Variable Costs

Labor, Fuel. Actual time, gallons, and rates should be used when determining these expenses. Even so, an estimate of the fuel used per hour times the operating hours will provide a fairly accurate measurement. Field operations and local costs vary greatly from one area to the next. So good judgement must be used when estimating fuel and operator expenses.

Oil, Grease. If you do not itemize lubrication costs, they can be approximated as 1½ percent of the purchase price for self-propelled machines—including tractors. Oil and grease costs can also be estimated as 15 percent of the fuel expense. For other types of equipment figure ½ percent of the new machine price.

Repairs. For self-propelled machines less than five years old, maintenance generally runs around 3 percent of the new price. The rate for listers, cultivators, rotary tillers, and other tillage machinery comes close to 5 percent of the purchase price. These percentages include both the parts and labor for replacing them, and can be used if the actual costs are not known.

Comparing Costs

After completing the computations already mentioned—also shown in the table—you will have obtained the yearly cost of ownership for one particular machine. But how do you use this figure in decision making?

Let's use a couple of examples. You have the choice of renting a plow at a certain rate per acre or purchasing it. By dividing the yearly cost by the number of acres you plow annually, you can obtain an ownership cost per acre. Thus the rates per acre can be readily compared. The only additional consideration is the upkeep expense to the owner of the rented plow.

If you would like to compare the cost of owning a new tractor to the expense of operating the old one, calculate the yearly ownership cost for both implements. In addition to relationship of these figures, take into account the other advantages and disadvantages each option offers.

Whether you keep the old machine, buy a new or used one, rent one, or hire a custom operator—you will be better prepared for making the right decision once you know your yearly cost of ownership.

Fixed or Overhead Costs

$$\text{Average Value} = \frac{\text{New Cost} + \text{Trade-in or Salvage Value (New Cast} \times .1)}{2}$$

$$\text{Depreciation} = \frac{\text{New Cost - Trade-in}}{\text{Years Useful Life}} \quad \text{or} \quad = \frac{\text{New Cost - Trade-in}}{\text{Lifetime Service Hours}} \times \text{Hours Used}$$

Interest = Average Value x Interest Rate

Housing = Square Footage x 10 cents

Taxes = Average Value x .00325

Insurance = Average Value x .0038

or

Shelter, Insurance, Taxes } = New Price x .0225

Variable or Operating Costs

Labor = Yearly Hours x Rate Per Hour

Fuel = Yearly Hours x Gallons Per Hour

	Self-propelled		Pull-type
Oil, Grease	= New Price x .015 or = Fuel Cost x .15		Oil, Grease = New Cost x .005
Repairs	= New Price x .03		Repairs = New Price x .05

Total = Machine's Yearly Ownership Cost

Take a look at "shortlines"

IN addition to large tractor manufacturing companies you can find exciting careers in the more than 1,000 smaller corporations building farm machinery throughout the U.S. and Canada.

Known for more than 100 years as "shortline" manufacturers because they specialize in a selective and limited number of farm machines, they introduce many of the innovative ideas for farm equipment. Careers with them encourage new ideas rather than discourage. Your own imagination and drive would be the only limit to success.

Shortliners were first to develop many machines with which you are familiar —rotary cutters, sprayers, crop-dryers, windrowers, auger systems, hay crimpers, chisel plows, rotary tillers—to mention but a few of thousands of "idea-born" machines. Many of these ideas for new machines come from farmers and agriculturally oriented people.

In the future these aggressive, exciting smaller manufacturers will continue to introduce new ideas in farm machines. Why? Because they are flexible and receptive to new innovations and staffed with imaginative, farm-oriented people. They are organized to quickly and efficiently develop, produce, and market the much needed special machines to satisfy the rapidly developing methods used in crop and livestock production.

Even before you graduate from high school or college, consider a visit to a shortline manufacturing company in your state. Specific careers available to high school graduates are engineering development and testing, shipping and traffic control, and production. Opportunities for college graduates include marketing, advertising, merchandising, sales promotion, engineering, finance, and personnel work.

Ag Grad Salaries

The latest annual survey of 14 midwest colleges of agriculture shows graduates received a 3.2 percent increase in starting salaries as compared to a year ago. Strongest demands were for graduates in sales and management positions in business and industry.

John Sanders, placement director at the University of Missouri, says starting salaries for graduates with B.S. degrees were estimated at $682 per month; with M.S., $822 per month; and with a Ph.D., $1,122 per month. Respective estimates a year ago were $661, $796, and $1,066.

The most attractive positions for B.S. graduates were in food science, teaching vocational agriculture, and sales and management positions.

Private industry employed 23 percent of the graduates. Graduate study accounted for another 17 percent. Other areas of employment for ag graduates were teaching and extension, 9 percent; farming and farm management, 10 percent; government, 7 percent. Military service took 21 percent of the graduates while the remainder moved into other occupations.

Participating in the survey were Missouri, Illinois, Iowa State, Kansas State, Lincoln, Michigan State, Minnesota, Nebraska, North Dakota, Ohio State, Purdue, South Dakota State, Southern Illinois, and Wisconsin universities. Over all, they graduated 4,144 students from their colleges of agriculture with bachelor degrees, 1,108 with master's, and 672 with doctor degrees.

Job Experience

Young people have a special set of problems when looking for employment. As enumerated by Mrs. Betty Rushford, counselor for the West Virginia Employment Service, the most common problems are:

- Lack of salable skills.
- Lack of knowledge of occupations and the labor market.
- Poor appearance.
- Negative attitudes.
- Lack of motivation.

Probably the biggest problem though is job experience. Oftentimes you may think "But how can I get experience without a job, if I can't get a job without experience?" When students fresh out of high school fill out their first job applications there is the inevitable question, previous experience.

Fortunately, as an FFA member and vo-ag student you have a head start. The experience you gain in agribusiness as well as leadership training go a long way to filling the gap. Noting your vo-ag experience on a job application indicates to an employer many of the things they are looking for in an applicant.

Career Shorts

Today's college graduate faces the problem of selling himself and the notion of being ready to go wherever the position happens to be, says Professor Robert Babcock, director of career planning and placement at Cornell University. He went on to say that most placement directors felt that last year was a "bad year," while most employers thought it was "good." The reason being there were the same, and in frequent cases a larger, number of candidates for a smaller number of jobs.

Agriculture must convince talented young people, both rural and urban, that there are challenging opportunities available. The opportunities will be in two major areas: (1) Food for America, (2) Know-how for the world. Since the United States has less than 6 percent of the world's population, our largest opportunity will be furnishing knowledge in agriculture for much of the rest of the world. These are the thoughts of Dr. M. R. McClung, professor of animal science at West Virginia University.

The time that every farm reared young man took it for granted he would succeed his father as owner or part owner with his brothers of the family farm is past. "Today, four out of every five farm youths must plan on earning a living away from the farm," says Carter Bass, associate professor of agriculture education at Virginia Tech. Terming their farm rearing a "priceless asset" he suggests how such a background can lead to the wide variety of careers in agribusiness. "Those who have it have a head start for jobs in farm machinery, agricultural chemicals, soil and water conservation, forestry, feed manufacturing, and food processing and distribution."

More Career Information

Advertising: *Make Your Career in Agriculture Communications and Marketing.* Single free copy available from R. C. Ferguson, NAAMA Executive Secretary-Treasurer, P. O. Box 856, Highland Park, Illinois 60035. Quantity lots are available at $10.00 per hundred.

Forestry: *Colleges and Universities Offering Professional Education Programs for Careers in The Forest Products Industries.* Free from Director, Wood Industry Careers Program, National Forest Products Association, 1619 Massachusetts Avenue, N.W., Washington, D.C. 20036.

Outdoors: *Jobs in Outdoor Work.* Single copy $1.74, quantity to schools $1.30 each, from Science Research Associates, Inc., 259 East Erie Street, Chicago, Illinois 60611.

Bruce's business is year-around as even in the winter he find worms under the straw and manure bedded leaves.

Doors on both ends of the refrigerator box make storing Bruce's worms and loading for customers an easy chore.

Raising worms for wholesale

BRUCE Hendrix of Fallon, Nevada, typifies the ingenuity of youth. Bruce, a member of the Churchill County Chapter, has the unusual enterprise of operating a profitable worm farm.

For years the family operated a dairy and spread the manure on the 40 acres, now being farmed for worms. Two years ago, Bruce and his older brother Wayne were searching for fishing worms and quite accidentally dug in an alfalfa field where the manure was damp. They discovered an abundance of worms suitable for fishing. Amazed at the tremendous number present, an enterprise was started that today is very profitable.

The 40-acre field is divided into 120-foot checks with 3 lines of worms per check. Lines are made by a single bottom plow run in both directions, then pulverized by a levee disc, and next bedded with straw. Areas between the lines are used for alfalfa production. In hot weather, irrigation takes place at least once a week. This adversely affects the alfalfa production but is offset by an increase in worm production.

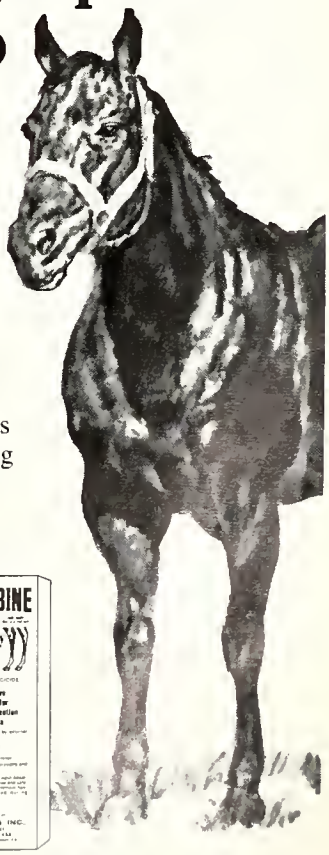
Digging of worms is by hand. Local high school students provide the labor and are paid on the basis of cups of saleable worms produced. Worms are then sorted and placed 40 to a bait cup. Peat moss and food are placed in the cups to insure good, healthy worms. During the peak season last summer 3,000 cups per week were produced.

The cups of worms are stored until sufficient quantity are available for the distributor to pick up. Worms are sold to a wholesaler who then sells to local bait and sporting good outlets.

Last summer saw the addition of a large refrigerated box to store worms. Since worms cannot stand heat they must be kept at a temperature of 40-50 degrees. At this temperature and with sufficent food within the cups worms will live many months.

At present Bruce intends to maintain the operation at the level of production attained last year. With both older brothers on a mission for their church. Bruce and his dad have their hands full operating a worm farm in this famous Hearts of Gold cantaloupe area. *(By Robert Johnston, Advisor)*

Five lameness symptoms. And how to treat them.



1 Stiff-gaited walk, or refusal to stand on all four legs.
2 Swelling and heat on front of foreleg from knee to ankle.
3 Soft, painless swelling around the fetlock.
4 Swollen hocks or pasterns, or sensitiveness to touch.
5 Swollen tendons.

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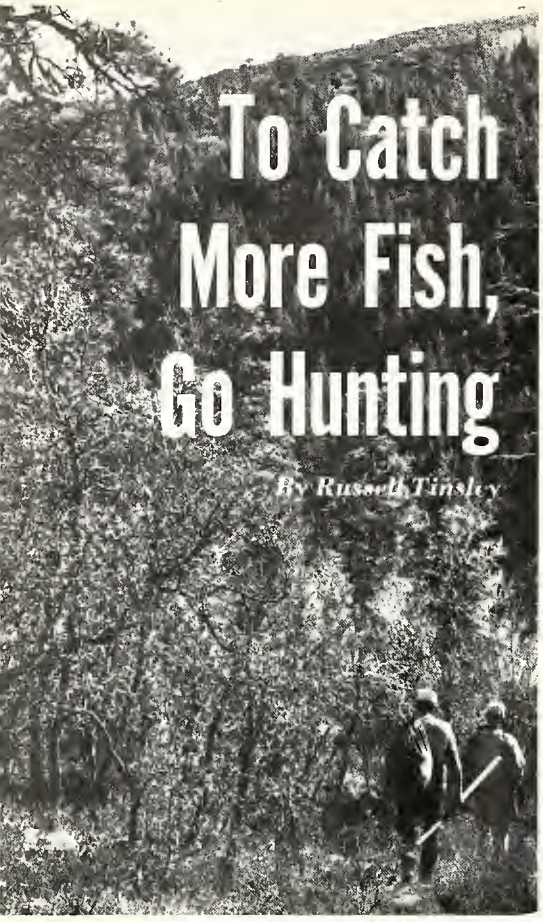


To Catch More Fish, Go Hunting

By Russell Tinsley

IF other hunters in this rugged terrain of Colorado's Uncompahgre National Forest had seen us, they might have thought we had our seasons and sports confused.

Murry and Winston Burnham and I were hunting mule deer and elk, all right, but now, in the crispness of a delightful high-country fall morning, we were hiking into a timbered canyon. Murray had his 7mm Magnum rifle slung over one shoulder, but Winston and I carried only fishing tackle.

Snaking along the canyon floor is a diminutive creek, clear and pure, punctuated in places with beaver-dam pools. A fatiguing walk is required to reach the creek, and from the inconspicious absence of litter, it is evident that few other people are willing to pay the price. But when we go to Colorado for hunting, we always budget a day for the creek.

The fishing is much too superb to neglect. The native cutthroat trout aren't large, but they're plentiful in numbers and eager to hit various artificial flies and lures tossed their way. And I've never tasted anything better than whole trout fried crisp over a campfire.

It isn't unusual for me to combine fishing with hunting. I do it purely for selfish reasons: to catch more fish. Some of the very best fishing of the year comes in autumn, when game seasons are in full swing; and since I obviously have not the time for both luxuries exclusively, I go fishing whenever I go hunting.

One September day last year I went dove hunting and bass fishing at a farm pond near my home in central Texas. The bass were very obliging and before the first vanguard of doves began arriving to water—about an hour before sundown—I had a dozen on my stringer. Substituting rod and reel for shotgun, I hid in some tall weeds near the pond and prepared to ambush the incoming doves. Before long the thirsty birds started to flock in, and the sun was still 15 minutes or so above the horizon when I had my limit of doves and was heading home.

On a ranch in southern Texas where I often go hunting for whitetail deer, there are several large stock tanks, as man-made ponds are known in my bailiwick. I never paid the tanks much attention until one day the landowner casually mentioned that a friend of his had caught a five-pound bass from the tank nearby my traditional camping area. The next time out I had my fishing tackle along. Those bass were so abundant and so naive about artificial lures I almost forgot my primary intent of deer hunting.

My pal John Hargis hunts deer along the Pedernales River in central Texas. Early and late he hunts; during mid-day he takes rod and reel and fishes the river for channel catfish. It is not uncommon for him to bring home a nice buck or maybe a wild turkey gobbler and an ice chest full of catfish.

There are times, however, when fishing tackle is just excess baggage. Once on a deer-hunting trip to northern Nebraska, near the town of Bassett, Murry and Winston Burnham and I carried our trout rigs since the rancher said there was a good stream where we would be camping. But leaves from deciduous trees covered the water, making fishing impossible, and anyway, as it turned out we really had no time for fishing. But I still was glad for having tackle along. On too many other instances where there were opportunities for fishing on hunting trips I had no equipment.

Combination hunting-fishing junkets may be either planned or unplanned. Since dove season is a half-day affair in Texas, I often fish in the mornings and hunt in the afternoons. I just pitch my regular bass-pluggin' outfit and a shotgun in the car and off I go. At other times I'm on a hunting trip and a chance for fishing comes forth unexpectedly. That's when it is nice to have some tackle tucked someplace among the hunting paraphernalia.

Probably the rod and reel you now have can be carried on a hunting trip without much fuss and bother. Just get a good sturdy case for the rod, a small bag for the reel, and a basic assortment of tackle. Where you're going will dictate what type tackle to carry, of course. If you're heading into the mountains you wouldn't want a rod and reel and lures designed for catching bass in a large man-made impoundment. Instead you'd take a light spinning outfit and some tiny spoons and spinner lures or maybe a fly rod and artificial flies.

Another alternative is to get what commonly is called a "suitcase rod." Many major tackle manufacturers—Wright-McGill, Browning, True Temper, Berkley, Heddon, Zebco, Garcia and Phillipson, to name a few—make and sell a rod of this design. A typical one has two ferrules and a removeable handle, where it will break down into three short sections for convenience and easy transport. A rod of this type doesn't require any extra room, and since the package is compact, the odds of dam age are negligible.

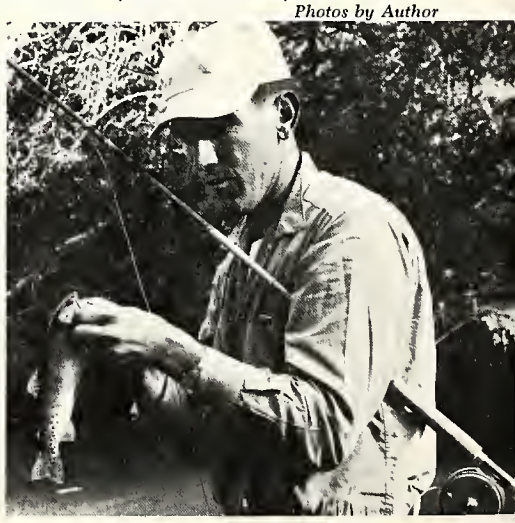
A rod with two ferrules doesn't have the "feel" nor action of a singlepiece rod, but under most circumstances you can't tell the difference. The compactness and ease of handling on a hunting trip offset any disadvantages. I've carried a suitcase rod in a saddle bag on horseback hunting trips and encountered no problems whatsoever.

The ideal plan is to have a handy kit you can carry on hunting trips. Get a small canvas bag long enough to hold the disjointed suitcase rod, an appropriate reel (suitcase rods are available for spin-cast, spinning, or fly fishing), and a basic assortment of artificial baits. You might want to add miscellaneous items like a stringer, reel oil, snap swivels, and an extra spool of line.

Now when you are ready to go hunting all you must do is grab the bag and pack it with your hunting gear. It might be just extra baggage on many trips, but somewhere and sometime soon you'll be mighty grateful for that kit. The best of fishing opportunities often come on hunting trips.

The author hooked this trout while on hunting trip to the Uncompahgre Forest.

Photos by Author



The Men Behind The Iron Mask

By Raymond Schuessler

National League Umpire Bill Stewart.

BASEBALL umpires have taken a brickyard full of abuse through the years. They have been pelted with bricks and bottles, bats and dead cats, pummeled with parasols, and even shot at.

Yet umpires have managed to hold their own, even to humbling some of baseball's slickest gagsters. Most of all, they've kept the game above suspicion.

While scandals have invaded many facets of our society from time to time, baseball has retained its chaste status, due in great measure to the incorruptibility of that perennial "robber"—the umpire. The last time an umpire was thrown out of baseball was 71 years ago, when one was discharged for conniving with gamblers. There has not been the slightest insinuation of such conspiracy since.

Rugged and impeccable majesty is mirrored in the stern features of America's 60,000 umpires. Even the crew that maligns them worst, the managers, would defend them most if their honesty were questioned. As Frankie Frisch, former Pittsburgh manager, once said, "When I complain, I know I'm complaining against the best bunch of guys in baseball."

At league meetings, Frisch used to harmonize with umpire Jocko Conlon. "Has he ever put you out of the game?" Frisch was asked. "Put me out!" he said, taking his arm from around Jocko's shoulder, "I'm not sure, but I think he holds the record."

When Frisch was called into headquarters for a hearing against a group of umpires after a ruckus in Pittsburgh, he asked the president of the league, "Did I understand you to say you might fire an umpire over this affair?" When Ford Frick nodded his head, Frisch picked up his hat and said, "No ball game is worth an umpire's job. Good day, gentlemen."

Umpiring is a devoted life. They travel in lonely groups of three for seven months of the year, stay only a few days in one city, and are not allowed to mingle socially with players or managers. Rules include no drinking in public, no night-clubbing, and no loud clothes.

But in spite of this, umpires are human just like other people. It was Tim Hurst who in the nineties did something that many an umpire has since been tempted to do. There was shower of bottles and beer steins from the stands in St. Louis. A stein hit Tim in the back. The irate Irishman picked it up and hurled it right back. The stein bounded off a fireman's head and Tim was almost mobbed.

Umpires today don't have it as tough as in the days when only one arbiter handled the game. In those days a single ump stood back of the pitcher's rubber calling balls and strikes, with the base runners at his back. The players got away with murder. Often you saw the umpire skipping backwards, trying to watch two or three players at once, because base runners sometimes would run from first to third when the ump was chasing a possible foul ball. Outfielders, too, would stash away extra balls in the long grass of the outfield and on extra-base hits miraculously throw out base runners by the gross.

In the old days, when the clubs had it tough financially, the players received no salaries, getting meal tickets instead. Aware they could not be fined, they tormented the umpires. That is, until one ingenious umpire stopped it by reaching into a player's pocket, grabbing the meal ticket, and tearing out sections. "There goes your steak and potatoes," said the grim ump. "Say another word and I'll take your apple pie."

No one summed up the philosophy of umpiring as characteristically as Billy Evans. In one ball game a batter had dribbled a dying grounder down the third-base line, and it seemed to stop out-

(Continued on Page 25)

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A New Era...

In the FFA and agricultural education with the formation of the FFA Alumni Association.

Alumni

FOR years the rising sun has been meaningful to FFA members as a "token of a new era in agriculture" and a symbol of "the new day that will dawn when all . . . have learned to cooperate." But without continued contact with FFA, the memory of this cooperative spirit eventually fades as members lose touch with each other and the FFA.

Today former FFA members are joining together in a united effort to form the FFA Alumni Association. The Alumni Association will support and promote the FFA organization, its activities, and vocational agriculture on the local, state, and national levels. It will help involve former members in current activities.

The FFA Alumni Association will offer an opportunity for those who were helped in the FFA to help others. It will provide a mechanism so former members can actively stay in touch with FFA activities and keep informed about agricultural education and participate.

This is the charter year of the National FFA Alumni Association, but an organization for alumni is not a new idea. The idea of organizing an FFA Alumni Association originated over 47 years ago and was approved as far back as the 1934 National Convention. The idea is now being translated into action and the framework has been developed to make it a reality.

How It's Organized

Initially the FFA Alumni Association shall be organized on a national level only, with membership direct at the national level. The state associations will be chartered as will local affiliates organized on a school, county, or other area basis. State and local groups expressing an interest in forming an affiliate within their own area may request advice and assistance from the national level.

It's a "grassroots" approach with the National Association serving state and local affiliates, much like the "parent plant" supplies nutrients to the grassroots of a plant so that it may grow and prosper. The National Association shall charter local affiliates within a state until the state affiliate is chartered. Once a state FFA alumni association is chartered, the state association shall charter the local affiliates within the state. The states who charter alumni associations before the first annual meeting will be considered the "Founding States" of the association.

To be eligible to become a chartered state affiliate a state must be organized with at least 50 members who have paid national dues, have a constitution in harmony with the National FFA Alumni Constitution, and have an executive group with a designated chairman. A local group can be eligible to become a chartered affiliate when it has at least ten members who have paid national dues, its purposes are in harmony with the National FFA Alumni Constitution, and it has a designated chairman. The national office will provide materials, guidelines, and help in organizing affiliates.

The operation of the National FFA Alumni Association is directed by an FFA Alumni Council which is subordinate to the FFA Board of Directors. The Alumni Council consists of 11 voting members—composed of 5 members elected by the membership, 1 state FFA executive secretary, 1 state FFA advisor, 1 teacher of vocational agriculture, 1 teacher educator in agriculture—all of whom are elected by their respective association. In addition, the current and immediate past national FFA president shall serve on the council. The National Advisor and Alumni Administrative Secretary shall serve as ex-officio non-voting members.

The membership of the National Alumni Association will meet annually. They also will be kept informed of current developments through a quarterly newsletter and direct mail releases.

Who Can Join?

Membership is open to former active, collegiate, or honorary FFA or NFA members and both present and former professional vocational agriculture educators. Membership may be made by sending names, addresses, and dues direct to the National Association or through state or local affiliates. Dues rates for the National FFA Alumni Association are $4.00 for annual membership and $100.00 for life membership. All those who join before the first annual meeting will become the "Charter Members."

You Can Help

A local alumni affiliate can be of great help to its FFA chapter. Their activities will be determined by the local needs, and the possibilities are almost unlimited. The type of help can include assistance with job placement, test plots, field trips, judging contests, advisory committees, and other activities. Local alumni, a group of adults within a community who are united to promote and support FFA and vocational agriculture, will add prestige and build valuable public relations within that community.

The search for former FFA members has begun. Every effort is being made to locate other persons who are eligible for membership. You can help in this search by finding former members in your area and urging them to join or by sending in their names and addresses. Possibly you know a relative, neighbor, friend, or businessman who is eligible.

For more information on how FFA chapters and members can help, write to Jay Benham, Administrative Secretary, FFA Alumni Association, Box 15058, Alexandria, Virginia 22309. You will be helping both your state and local area's alumni membership grow large enough to become a charter affiliate while encouraging their support of your FFA chapter. Fast membership growth will bring strength to the FFA as well as the Alumni Association.

The Men Behind The Iron Mask

(Continued from Page 23)

side the foul line. "Foul ball," shouted Evans at the same instant the ball in its final revolution limped over a pebble and perversely swung back into fair territory by a hair. The dugouts spewed ballplayers by the dozens. "How could that be foul?" the manager grimaced in triumph, guarding the pellet with outstretched legs and calling upon the stand and the heavens to witness this shameful mockery of law and justice.

"It sure looks fair," Evans admitted, benignly shaking his head to share the sorrow. "It would have been fair yesterday, and it will be fair tomorrow and for years to come. But right now, gentlemen, it's foul, because that's the way I called it, and it ain't nothing at all until I call it."

Not all umpires are citizens of congenitally infirm sight, nor do they eat ham and eggs every morning because they don't want to be caught putting on glasses to read a menu. When John McGraw compared Umpire Bob Emslie's eyesight to a bat in a bag and advised him to see an oculist Emslie showed up next morning at the Giant's practice with a rifle under his arm. As the players dove for cover, the umpire set up a half dollar on second base. From home plate he blasted the half dollar and stalked off the field without a word. None of the Giants ever questioned his eyesight again.

In the opinion of Bill Stewart, umpires seldom make mistakes because of poor eyesight. "When an umpire misses a play, it isn't because he doesn't see well," says Bill. "It's usually a case of slow reaction. Some umpires simply don't react quickly."

"Take a pitch which seems to be over the corner of the plate. The umpire makes up his mind the pitch is a strike. At the last second the ball dips or curves away from the corner. An umpire with quick reactions changes his decision instantly and calls the pitch a ball. The umpire with slow reaction doesn't change his mind in time. A faulty decision results that has nothing to do with the umpire's eyesight. It's slow mental telepathy between mind and arm."

How do they decide when to throw a player out of a game? "When he gets abusive or carries an argument too far," says Augie Donatelli. "You never deny a player his 'beef.' If he wants to tell you he thinks you're wrong, that's his privilege. But if he uses bad language or insults you personally, he gets the gate fast. Otherwise an umpire loses control of a game in a hurry."

Most players argue only seldom with an umpire. Some, however, are chronic knockers—usually about ten in each league—who make an umpire's life no bed of basehits.

Managers, on the other hand, squawk because, as Jimmy Dykes used to say, "You've got to let the umpires know they're being watched; that we want an equal share of the close decisions. If we take all calls without any complaints, the fans think we don't care. You've got to fight for your rights."

During an exhibition game, an umpire called a Giant out at first base, though it was apparent to everyone he was safe. Leo Durocher, like a lion, rushed out to the ump. Nonchalantly the umpire admitted he missed the boat. There was a dull silence while Durocher's gaping mouth slowly closed. He went back to the bench, shrugging his shoulders spasmodically and muttering, "What's this game coming to?"

Strangely enough, the majority of ballplayers refuse to consider a career in umpiring. Lon Warneke, former Cardinal pitching star and now major-league umpire, says it takes too much out of a man. "He's got to be alert all the time. Is it a ball? Is it a strike? Did the pitcher make a legal delivery? Did he balk? Ballplayers, you know, don't want to work that hard." Only an umpire knows how close some plays really are.

Umpires all start in the minor leagues and are brought up to the majors just like ballplayers—on their ability. When a likely candidate is uncovered, he is watched by the umpire-in-chief of either major-league staff. If he measures up to standards, he is invited for a discussion of rules and techniques. If he passes, he is on his way to the majors where he will earn from six to twelve thousand and all expenses.

The men in the blue serge are proud of their profession, and rightly so, for the prestige and integrity of our national game rests on their shoulders.

"Heap good news! Smoke signal say Cleveland Indians beat New York Yankees!"

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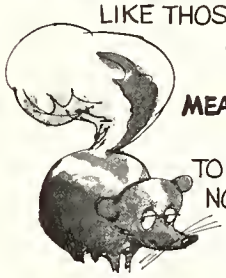

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FFA IN ACTION

Blue Jacket Invasion

FFA members have invaded the Nation's Capital again for the summer. Over 400 members have come to the Capital to participate in four week-long National FFA Washington Conference programs.

Conferences were June 14-19, and 21-26, July 5-10, 12-17, and 18-24.

Purpose of the FFA conference program is to improve leadership skills, develop an understanding of the national heritage, and prepare FFA members for more effective leadership roles in their chapter and community. Conferences are also forums for the exchange of FFA chapter program ideas among members from across the nation.

Besides the training sessions, the FFA program also includes visits to the White House, Mt. Vernon Plantation, the National Archives, Arlington National Cemetery, and several other historic monuments and memorials.

The six national officers hosted a special conference for all state FFA presidents during the July 18-24 meeting. This special conference is designed to help newly elected state officers gear up for the big job ahead of them.

Each week conference participants had breakfast visits with their congressmen. Participants also spent time at their National FFA Center.

Mr. Bob Broeckelman, an agriculture education major from Kansas State University, was director of the conference program for the summer. Mr. Jerry Batts, a pre-law student at Auburn University, and Mr. Dennis Engelke, an agriculture education major at Texas A & M, were conference counselors.

FFA members from all over America came to the leadership conferences.

Boxing Matches for Funds

Annual FFA boxing matches have proven to be one of the best fund raising events of the Salem, Missouri, FFA.

The boxing matches were held the first time in March, 1947, and have been held annually since that time.

The twenty-fifth annual matches were held on three consecutive Friday nights in March just after the high school basketball season. Eight to ten bouts are scheduled each evening with each bout consisting of 3 two-minute rounds. Each boxer must wear headgear and a teeth protector. In addition, only 16-ounce gloves are used. Members of the high school coaching staff serve as referees and judges.

All other chores such as wrapping hands, timer, lights, ticket sales, and selling refreshments necessary to successfully conducting the fights each night are performed by members of the chapter. In fact, it takes 25 members, besides the fighters, to handle these chores each evening.

At the end of the third night of boxing boys who have won two bouts or who have fought three fights receive a championship medal.

The chapter owns a portable 15 x 15 foot ring which was made in the shop plus mats, ropes, gloves, and headgear. Profit the first year was $400, and today the chapter realizes around $1,200 profit.

The Salem Chapter was chartered November 27, 1946, and the members had searched all winter for a good money-raising activity. Since the advisor had some experience with boxing matches, it was decided to try this activity.

The same general plan and rules have been followed over the 25 years that the matches have been held. It was decided that the boxing would be a school activity, only boys in school would be allowed to participate, and certain safety rules would be followed. The boys themselves decide who they will box just as long as their weight and height are not too far apart. *(B. Oscar Brown, Advisor)*

Invitation Tractor Rodeo

The Delta, California, FFA Chapter held its ninth annual tractor rodeo. The event was sponsored by the Delta Lions Club of Courtland and six other chapters participated: Rio Vista, Galt, Joseph Kerr Junior High, Woodland, Elk Grove, and Delta.

Six big contests highlighted the event: trouble shooting, three-point hitch, part identification, safety test, backing, and precision driving.

The high individual award went to Ron Breckenridge of Woodland, second went to Bob Rose of Delta, third went to John Gorter of Delta, fourth went to John Laugenour of Woodland, and fifth went to David Huisman of Galt. High team award went to Delta.

There was a total of 61 contestants from the six schools. The Delta Lions Club gave a $100 savings bond as a door prize and implement dealers displayed equipment. *(Don Pylman, Reporter)*

White House in Pickup

Two agriculture students from the University of Maryland drove to the White House in an old pickup truck. They spent 15 minutes alone with President Richard Nixon and came away with gift cuff links bearing the Presidential Seal.

The students were David Simpson, a former Williamsport, Maryland, FFA member and Charles Blocher of Burtonsville, Maryland.

David and Charles visited the White House at the President's invitation for their "resolute stand in defending the U.S. flag on the university campus." The two students defended the flag from disorderly fellow students who had spat on the national ensign and insisted on flying it upside down.

Before the flag incident, they had been out collecting money for Campus Chest on behalf of their fraternity. The President's invitation came after a picture of them safeguarding the flag appeared on the front page of the *Washington Evening Star.*

The President recognized David Simpson, right, and Charles Blocher, left, for publicly defending the American flag.

White House Photo

Corn Production Research

Vernon, Florida, FFA members tested the results of various crop practices, different products, and land conditions by conducting a crop production research program. At the same time, says Advisor Dozier B. Hendry, the members involved many local people in the research project including farmers and businessmen from seed, herbicide, and fertilizer companies.

Students of the Vernon vo-ag classes divided one plot into five sections and another into three. They did all the work, plowing, planting, fertilizing, applying herbicides, harvesting, and measuring the results of different products and conditions.

In addition to using Vernon vo-ag equipment they received the use of herbicide broadcasting implements from S & K Farms and planting equipment furnished by the Wade Hall farm. Local representatives of DeKalb and Coker supplied the seed corn. In addition, Swift VC fertilizers were used as were USS Agricultural, Stauffer, Geigy, and Monsanto chemicals.

1930 Truck Investment

The Lakota Chapter at Kansas, Ohio, purchased a 1930 1¼ ton Dodge truck for $300 as a money making project.

Since a truck of that year and model has never been shown in an antique show, the true value of the chapter's truck is not known. Trucks of that year but of different models sell from $3,000 to $3,500.

The members are overhauling the engine now and plan to sand down the entire frame and then paint it. It is estimated to take nearly two years to recondition the truck. *(H. Peter Miller, Reporter)*

From Across the Sea

Three young men from other nations are now living and working with families in the Hobson, Montana, FFA Chapter's area.

They are participants in the FFA Work Experiences Abroad (WEA) program. Denis Laine of France is a new member of the James Mikkelsen family at Hobson. Per Alvinge is living with the Don Derks family, and Mats Wikefeldt is with the Frank Cecrles. Per and Mats are from Sweden.

According to Terry Metcalfe, President of the Hobson Chapter, their chapter is participating in the National FFA WEA program because it provides an educational and cultural experience for the exchange students while giving them an opportunity to learn about American agriculture first hand.

Denis, Per, and Mats will live in Montana approximately six months before returning home. They will join in the normal routine of farm and ranch work with their host families and have an opportunity to participate in community and FFA activities. They are being sponsored by the Montana Association and the local chapter.

The FFA WEA program also provides opportunities for the same type of working experience for FFA members who wish to live in another country. This year FFA members will be in nine countries of Europe and South America.

Serving with Desire

Despite a body cast, Aaron Miller has continued to serve actively as vice president of his chapter at Modesto, California, and was named junior project winner for the year.

Aaron had corrective back surgery and was in a large cast and special suspension frame for many weeks. His family and friends developed a special rig for him to ride in so he could be out of bed and get around. The cast will be removed in about three months.

Chapter officers traveled to Aaron's farm for the chapter's executive committee meetings each month. Chapter Advisor Donald Heintz frequently took Aaron for a ride "just outside and around the area." His vo-ag classes have continued, too, as his instructors teach him at home.

Aaron's FFA jacket was a special creation by the Future Farmers Supply

The Modesto, California, FFA made sure Aaron Miller got to take part in FFA.

Service. He wore it when he helped with the work at the chapter banquet.

Idea Catches On

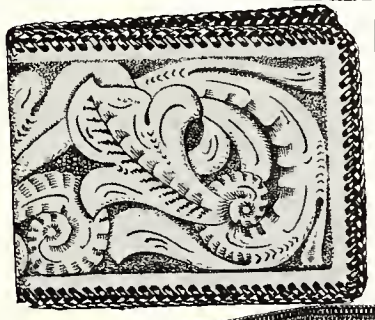
Huntley, Illinois, FFA tried a new event this year to add spark to their chapter's FFA WEEK activities.

They invited 50 businessmen for breakfast on Thursday during the WEEK. About 30 came out for breakfast at 6 a.m. in the classroom.

The breakfast was well received and the businessmen are now thinking about another one and the possibility of organizing a Businessmen's Association.

(Continued on page 29)

Let's Do LEATHERCRAFT!



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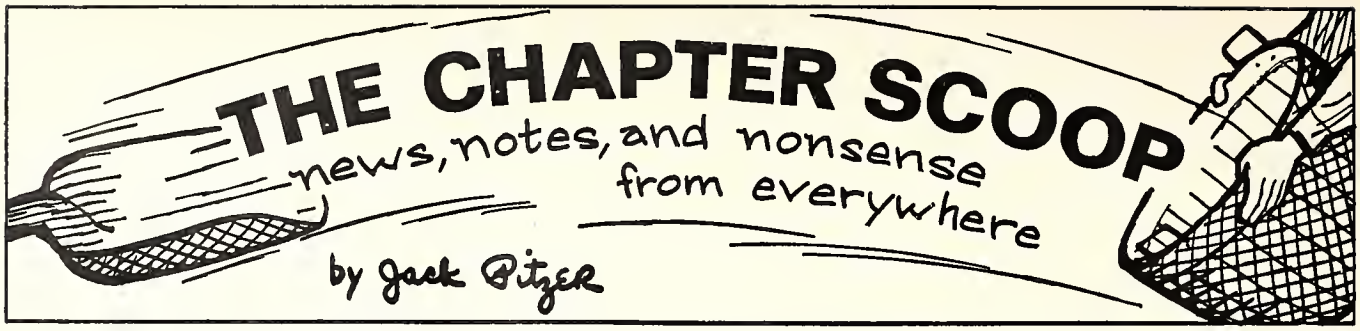


A real service. *Douglas,* Wyoming, Chapter operates a tractor-drawn "foot-saver" at their state fair.

N-N-N

Horticulture class of *Upper Bucks Tech,* Pennsylvania, made an FFA emblem from flowers for chapter banquet.

N-N-N

Members of *Tri High,* Indiana, FFA at Straughn surprised Advisor Warfel and his wife with a baby shower. Since twins were predicted, chapter got two of everything.

N-N-N

A freshman leadership training committee designed to improve conduct at meetings and encourage help with the scrapbook and chapter activities in general was formed at *Yerington,* Nevada.

N-N-N

Members of *Alden,* Iowa, Chapter put away 37 gallons of ice cream.

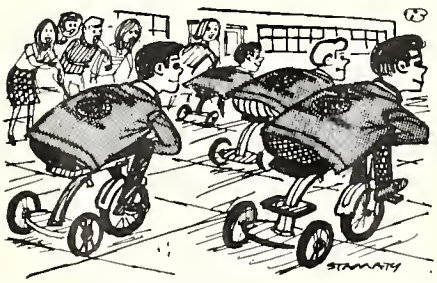
N-N-N

And *Owosso,* Michigan, Chapter went to the junior high to tell them about FFA and vo-ag.

N-N-N

One share of the *Lebo,* Kansas, hog co-op is worth $40.00.

N-N-N



San Luis Obispo, California, Chapter sponsored contests during lunch hour at school. Like pony races, tricycle races, and pie eating.

N-N-N

"Litter Hurts" signs were placed in the *Carthage,* Mississippi, community by FFA chapter.

N-N-N

Members of *Fowler,* Colorado, FFA made a special tour and visit to livestock farms in state. Got ideas on improving their own operations and bought livestock to bring home.

N-N-N

Missoula, Montana, elects a parliamentarian, historian, chaplain, farm safety director, and librarian.

N-N-N

Scranton, Iowa, FFA reports: "We repainted exterior and interior of the Methodist church."

A 25-foot cedar flag pole was constructed for an elderly housing project by *Gladstonbury,* Connecticut, FFA.

N-N-N

Lon Huff has been named chapter photographer of *Silverton,* Colorado.

N-N-N

Fathers and sons of *Nixa,* Missouri, took off on an FFA fishing trip.

N-N-N

When *North Kingstown,* Rhode Island, FFA decided to clean up their town they met at town hall, spread out in all directions.

N-N-N

Debbie Jackson, reporter of *Costa Mesa,* California, FFA writes that many city businessmen attended the chapter's banquet. They helped present awards.

N-N-N

St. Paul, Nebraska, FFA presented Curtis James Barth an Honorary Greenhand degree. He was first baby born on George Washington's birthday.

N-N-N

Stillwater Valley, Montana, FFA at Absarokee teamed with Lions' Club for local clean-up campaign.

N-N-N

Carlsbad, New Mexico, Chapter helped the Elks Lodge collect deer hides for disabled veterans. Hides are sold to buy tools and leather.

N-N-N

Mothers of members were presented roses at *Ventura,* Iowa, FFA banquet.

N-N-N

Douglas, Arizona, FFA members challenge non-members in daily softball games during school lunch period.

N-N-N

Zephyrhills Senior Chapter in Florida invited eighth graders interested in agriculture to a hamburger cookout. Told them about FFA.

N-N-N

Here's a wild idea. If your chapter needs a spring tuneup, award spark plugs to members who excel in igniting others to participate in FFA activities. Plugs could be blue and gold.

Kaercher Creek Man was made from trash found in the creek and stood guard over FFA window display by *Hamburg,* Pennsylvania, Chapter.

N-N-N

A local disc jockey provided music for *Villisca,* Iowa, sweetheart dance.

N-N-N

Oklahoma City's *John Marshall* FFA has sold 14,014 pounds of whole hog sausage in five chapter sales. Used money to buy stock trailer.

N-N-N

Tucumcari, New Mexico, Greenhands sprigged grass for ecology day around a new junior high building.

N-N-N

Paul Durepo, member of *Limestone,* Maine, FFA conducted a serious campaign for election to the Limestone School Board. Wasn't elected, but wasn't last either.

N-N-N

Sweetheart contest of *Cleburne,* Texas, brought in $200—at a penny a vote.

N-N-N

New officers of *Lyman,* Nebraska, FFA were treated to a spaghetti supper by fellow chapter members.

N-N-N

Fair is fair. So one of the boy members of *Rockford,* Michigan, FFA ran for title of "Chapter Sweetheart." He came in first runner-up.

N-N-N

Parent-son banquet of *Kellerton,* Iowa, FFA was held at their local bank.

N-N-N

Long way from home, but **Dan Dooley,** FFA Vice President from California, visited *Roanoke-Benson,* Illinois, FFA this year.

N-N-N

Jay, Florida, FFA chartered a bus to go to their state fair. They also landscaped a new home in the community as a demonstration.

N-N-N

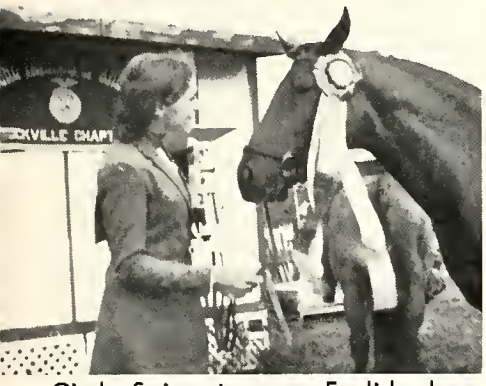
Looking for something about your chapter on this page? Maybe no one sent in any news, notes, or nonsense. Every chapter should send in theirs.

FFA in Action

(Continued from page 27)

Six FFA members with the help of the advisor's wife Mrs. Roberta McPheren prepared and served a breakfast of pancakes, sausages, juice, and coffee. After eating all the cakes and sausages they could hold, a short informal program followed. Speakers included representatives of the County Junior College and the Farm Bureau, the high school cooperative teacher, and Mr. Harold Homann, Consultant of Applied Biological and Agricultural Occupations of the State Office of Education. Other invited guests were Mr. LeRoy Marks, Superintendent of the District, Mr. Henry Marlowe, local feed dealer and former ag teacher (1931-52), along with representatives from the Board of Education and Ag Advisory Council.

Presenting A Show



Cindy Swinnerton won English champion ribbon at the FFA horse show.

The Rockville, Connecticut, Chapter sponsors an annual livestock, dairy, and horse show.

The show includes classes for dairy, beef, sheep, swine, goats, rabbits, and poultry, and also a two-ring horse show.

All of the organizing, setting up, and taking down is handled by the chapter members. The show is especially successful in getting public relations as well as developing a team spirit within the chapter. *(Frances Mordasky)*

Chapter Chinchillas

The Platte Valley FFA Chapter at Kersey, Colorado, received 163 chinchillas to use for marketing and breeding. The chinchillas were distributed among 18 members of the chapter under a special contract and are available as supervised programs of members.

When a member accepts chinchillas from the chapter, he gets one male, five females, and the equipment needed to raise them. After the member has weaned ten offspring, he then returns the equipment provided by the chapter, the original animals, and three of the offspring (one male, one female, and one of the member's choice). The chapter will then give the member one unrelated, quality male.

After the terms of the contract have been completed, the member will have in his possession seven chinchillas which he has raised, plus one male animal which he received from the chapter.

The chinchillas were given to the chapter by the Albert Lester family.

Retiring His Jacket

The student council at Jeff Davis High in Georgia honored former student and past Regional Star Farmer of America Albert Wildes, right, by asking him to retire his first official FFA jacket.

Something for Everyone

The Arizona FFA Field Day attracted 830 contestants from 36 of the association's 41 chapters.

There are 12 different contests which are conducted during the all-day event at the University of Arizona.

The contests and the chapters that won are: agricultural economics—Gilbert, dairy judging—Tolleson, meat

(Continued on Page 31)

"Dad said if it would stay up I could wear it."

"Did you get one yet?"

"No. Did you?"

"Yes. I sent for one of each."

Every FFA member can get his own Official FFA Calendar. Be sure Dad has a Desk Style for his office. And put a Home & Office Style in the kitchen for Mom. Get some of the new Wallet Style calendars for sis and Uncle Joe or put a big Poster calendar in the barn. (These are sharp looking, quality calendars at a price you'll be able to afford.)

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Donning Tomorrow

Taking on challenges in the FFA means a lot to this young leader.

By Gene Tomlin

"I WOULD like now to paraphrase the challenge the Apostle Paul gave his beloved friend Timothy when it was time for him to carry the ball: 'Study to show thyself approved a workman that need not be ashamed.'" The voice of the young man hung suspended for a second in complete silence and then was caught up in thunderous applause from the convention audience.

Soon afterward 18-year-old Barham Fulmer was named first-place winner of the public speaking contest in Texas. This, as outstanding an accomplishment as it is, was not to be the greatest honor accorded Barham by the delegates in San Antonio. Before the state convention closed, Barham was elected state president.

Heading an organization of 53,000 members is a task that this young man refused to take lightly—an attitude which he has held concerning an astonishingly long list of achievements, honors, awards, and accomplishments on his part.

The words with which he closed his speech are not simply attention-getters or devices to persuade the religious-minded, but they have constituted the guideline for most of Barham's life. This has expressed itself in many ways—one obvious evidence is the God and Country award he has earned as an Eagle Scout, and another is his active participation in the Fellowship of Christian Athletes. He also sings in the choir of the First Baptist of Nacogdoches and serves as president of a youth Sunday school class.

President is a title which Barham wears well. Besides the presidency which he recently completed, he has served as district FFA president, president of the Nacogdoches High School student body, president of the local chapter of the National Honor Society, president of the area FFA, president of his class, and president of the local Key Club of Kiwanis. He was also District Governor of the Key Clubs.

Barham's attitude toward his responsibilities is reflected in his campaign speech when he was running for president of the high school student council. His remarks, showing also his consideration of others, were basically these: "I find myself with mixed emotions at this time primarily because my opponent for this office is my very best friend. All I can say is that if you want me for your president, I will do my best to perform my duties."

Diversity of high school accomplishments is seen in: *Athletics*—He lettered two years as a tackle on the Nacogdoches championship football team; *Academics*—He was nineteenth in a class of 188 with a grade average of 92.88; *Creative expression*—He sang with the acapella choir and appeared in two all-school musicals. Persuasive speaking placed him in top honor brackets in debate and public speaking, earning him the title of Mr. Future Teacher. Any list of Barham's accomplishments would need close editing to assure that none be omitted.

Barham, his parents Mr. and Mrs. Herschel Fulmer, and his sister Kathie find that one of the biggest problems facing them is the problem of time. With all the activities of Barham, plus the busy schedule of a college-age sister, of a school-teacher mother, and a rancher-businessman father, it becomes a near-impossible task to resolve all of the time-place conflicts of this active rural family.

As state FFA president, Barham had to forego the beginning of his college education at Texas A&M for a year as he traveled over the state, visiting with the more than 400 Texas FFA chapters. Traveling for him was made easier as he was furnished an automobile with his FFA position.

When he is ready to enter college, though, he will be well equipped with scholarships, having received the Nacogdoches Outstanding FFA scholarship, the Texas A&M Opportunity scholarship, and the Houston Livestock Show and Rodeo scholarship.

Featured in a statewide mail-out from the Texas Power & Light Company, Barham is pictured under the caption, "Tomorrow is in Good Hands." The truth of the caption is found in FFA members like Barham Fulmer.

FFA in Action

(Continued from Page 29)

judging—Gilbert, entomology—Kofa at Yuma, poultry judging—Agua Fria at Avondale, agronomy—Amphitheater at Tucson, agricultural engineering—Chandler, soils—Tucson, horticulture—Willcox, agricultural mechanics skills—St. David, livestock selection—Mesa, and range management—Whiteriver.

Lambs Pay Off

Two Hampton, Iowa, FFA Chapter members Tim Axiotis and Bill Hutt finally hit the jackpot when the carcass results from the National Lamb Show held June 3 and 4 at Albert Lea, Minnesota, were announced recently.

Tim exhibited the carcass champion progeny pen of five lambs (all sired by same ram) in competition with 22 other pens of lambs entered by adult commercial and purebred breeders from a four-state area.

In addition, Tim produced the champion carcass in the junior performance-tested class in which the lambs are evaluated on rate of gain as well as carcass merit. Tim's lamb weighed 117 pounds at 106 days of age. Tim also had a fourth place entry in this class.

A fellow FFA member Bill Hutt exhibited the champion junior production-tested lamb in the live show, and this lamb placed reserve champion in the carcass division and third best entry in the overall individual carcass class in which 137 lambs were entered.

This year's success story for these two members can be traced to a wise investment they made in 1969 following the National Lamb Show held in Cedar Rapids, Iowa. Tim and Bill placed second and third respectively in the carcass division of the progeny pen of five class and won $175 in premium money. With this money they bought the ram that sired Tim's champions. The ram also sired Bill's champion carcass in the 1970 Iowa State Fair FFA sheep show.

Tim graduated from high school in 1970 and attends junior college at Mason City, Iowa, and Bill graduated in 1971. Bill was named one of the three State FFA Supreme Sheep producers in 1969, and Tim received that honor in 1970. *(David Flint, Advisor)*

It's been a successful show season for Bill Hutt, left, and Tim Axiotis, right.
Hampton Chronicle Photo

Flying and Diving

Reporter Rex Davis of the Hemet, California, Chapter is a pilot and a skydiver. He flys after school and on weekends. "Flying and skydiving are really something different. Only people that really feel it, stick to it."

Rex, a junior, first started flying at the age of 12. He has logged about 600 hours in single-engine and fixed-winged planes, 60 hours in helicopters, 60 hours in gliders, and has made many jumps.

He works at a local dairy and has shown heifers and cows at various fairs.

Congratulations Kay!

Dean Opsahl may have lost the milking contest but he got the best prize. He is Minnesota Star State Dairy Farmer.

A Cooperative Drive

FFA chapters of Augusta, Fall Creek, and Eau Claire Memorial High Schools in Wisconsin conducted their annual drive to collect commodities and cash for the March of Dimes Drive.

(Continued on Next Page)

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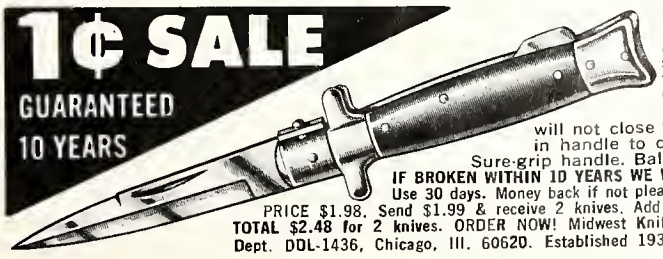

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FFA in Action

(Continued from Page 31)

All rural residents in each respective school district were contacted for donations. The school districts were divided into sections with one or two trucks per section and two or three FFA members per truck. FFA members collected ear and shell corn, oats, baled hay and straw, old batteries, paper, soybeans, copper, old radiators, cash, and anything else of market value.

The FFA Polio and Birth Defect Drive was held for one day only, starting about 7 a.m. and lasting until the last truck came in. Pickup trucks were distinctly marked "Corn for Polio."

Three Wisconsin FFA Chapters gathered corn and other commodities for charity.

A signed receipt was presented to each donor for his contribution. If residents were not at home a card was left indicating where a donation could be sent. The chapters sold all commodities locally and turned the funds over to the Eau Claire March of Dimes Chapter.

Later, at the March of Dimes Searchlight on the Seventies Seminar, Arthur A. Gallway, vice president and director of the March of Dimes Department of Development, praised the efforts of the FFA members. Augusta, Fall Creek, and Eau Claire Chapter presidents received plaques in honor of their chapter's contribution to the March of Dimes at a special luncheon.

Leading Again

Two of last year's national FFA officers have assumed leadership roles again after being elected as student body presidents. They are Steve Zumbach who was Central Region vice president and Harry Birdwell, the past national FFA president.

Steve Zumbach was elected to head the 20,000 member student body at Iowa State University at Ames. Harry Birdwell was elected president of the Oklahoma State University Student Association's 18,500 students.

Both of these campus leaders were elected in healthy contests. In a record turnout vote, Steve's ticket won by a margin of 1,000 votes. Harry ran against two other candidates and won the election with 55 percent of the vote in the preliminary election.

Steve was an FFA member from Manchester, Iowa, and served as state president before he was named to national FFA office. His new duties include responsibility for over $250,000 student activity fees and administration of the programs for students.

Steve is working to make campus organizations relevant to needs of students right on the campus. He says, "Much of my work is spent in discussing and solving individual problems of students. In this means student government acts as a liaison between student and faculty and between student and university administration." He is enrolled as a student in agricultural business pre-law.

Harry was a member of Fletcher, Oklahoma, FFA and served as state president before his election as national FFA president. Harry reports, "My main energies in this new office have been directed at creating student government that gets the student more actively involved in decision making on campus." He too has hopes of improving communication between student, faculty, and the university administration. He is majoring in radio and television broadcasting; his minor is law.

Seeds Around The World

The collegiate FFA chapter at Pennsylvania State University chose their "Seeds Around the World" program as a subject for their exhibit at the Dairy Exposition held at Penn State University.

In their program the collegiate chapter has already sent seeds to Haiti and Vietnam, and have requests for seeds from three other countries. In addition, they have provided consultant services to others asking for information regarding participation in such a program.

For example, the Associated Press wires gave wide publicity to the program and made an appeal for other chapters to contribute. A chapter in Minnesota sent popcorn and wrote to the Penn State Collegiate Chapter asking for advice on how to do it.

The program is still going, and according to Dr. Frank Anthony, advisor for the Penn State Collegiate FFA, it is an ongoing program which they plan to continue. They will go to other expositions for added exposure of the FFA.

Visitors to the booth were permitted to offer contributions to help carry out the program, and the chapter collected $11.50 in two hours. Most interesting, however, were comments of some of the visitors. One elderly couple said, "It's nice to know that young people are doing such as this." Others said, "We've heard of FFA chapters but never at a university."

(Previous articles used in FFA In Action, February-March, 1971, page 31, August-September, 1970, page 28.)

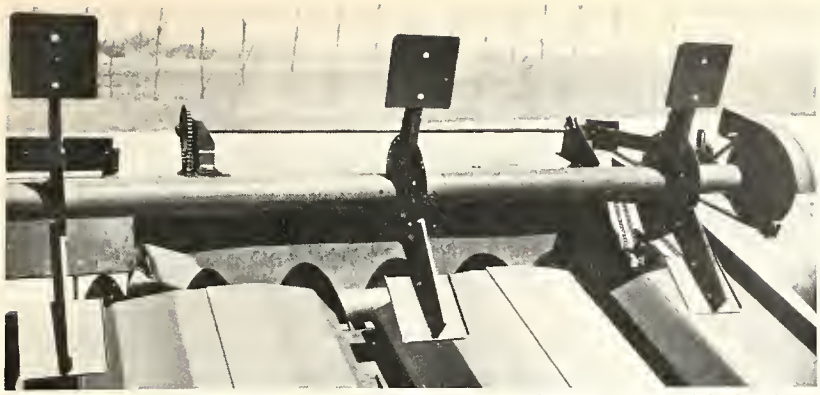
Pennsylvania Collegiate Chapter used an exhibit to promote their project.

A Special Presentation

Dan Lehmann, National FFA President, accepts a check from Andrew A. Bellomo, Truck Zone Sales Manager, General Motors Corporation, Denver, Colorado, as his company's contribution to the Future Farmers of America Foundation for 1971. At right is Don McDowell, Executive Director of the Future Farmers Foundation Sponsoring Committee. The presentation was made at a special dinner given by General Motors during the Seminar on Agricultural Education in Transition held in Denver May 11-14.

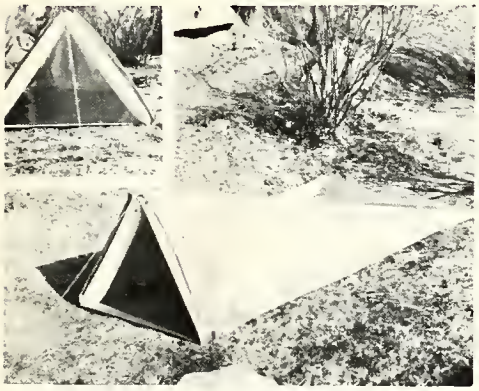
Rabies Clinic Helpers

The Hillsdale-Burns Chapter in Wyoming helped a veterinarian conduct a rabies clinic for cats and dogs for the area.



A corn combine head attachment to facilitate harvesting of blight-damaged or downed corn has been introduced by Massey-Ferguson. The attachment, called a corn head reel, fits above and in front of the corn head auger and helps move loose corn stalks, husks, and leaves into the combine.

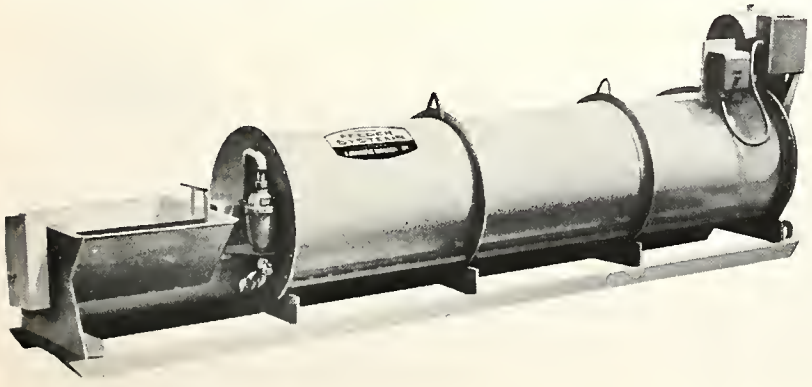
Something New



Available from Kyl-Kris Enterprises, Lawton, Oklahoma, is the Inflat-a-Tent, a portable, waterproof tent that stakes to the ground, but requires no poles. It folds up, weighs about two pounds, and erects to eight feet.

New Flares by Levi give a cowboy silhouette and allow for an over-the-boot fit. Colors: sand, navy, breen, green, white.

A. O. Smith Harvestore is now marketing grain reconstitutors, designed to uniformly increase moisture content of grain. Reconstitutors are available in 500 bushel per hour and 1,000 bushel per hour capacities. Receiving hoppers are 24 inches above ground. Discharge openings are 17 inches high.



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HAVE YOU HEARD THIS ONE

Tom: *"There goes a sensible girl."*
Dick: *"Yeah, she wouldn't go out with me either."*

Joyce Overend
Bushnell, South Dakota

A man walked into the doctor's office with spinach growing out of his ears.
"How'd it happen?" asked to doctor.
"I don't know," answered the patient, *"I planted asparagus."*

Tim Sigurdsen
Grasston, Minnesota

"Come in student plane 15, come in!"

Once there was a man who had a cow for 13 years, and it never had a calf. Then he went to the veterinarian and asked him what was the matter with the cow. The veterinarian told him to buy a bull, so the man sold the cow and bought a bull.

Richard Jangula
Venturia, North Dakota

Sam: *"Do you know that a grasshopper can jump a distance that is more than 100 times its own length?"*
Joe: *"No, but I've seen a 1/10-ounce wasp lift a 200-pound man 3 feet off the ground!"*

Mike Hight
Abbott, Texas

A newly graduated lawyer was depressed over the lack of clients, so he hit upon a scheme to impress the next person who entered his office. Soon a man walked in. The lawyer picked up the phone and said, *"I'm sorry, but I'm so busy I won't be able to take your case for the next month."* He hung up and turned to the man. *"And what can I do for you?" "Not much,* replied the man, *"I came to hook up the phone."*

Angela Alsleben
Glencoe, Minnesota

Worried Man: *"Doc, my rabbit is sick. I can't understand it; I don't feed him anything but goat's milk."*
Vet: *"Goat's milk! That's the trouble. Don't you know not to use that greasy kid's stuff on your hare?"*

Cathy Miesen
Potosi, Wisconsin

Joe: *"Why do you think he's stupid?"*
Sam: *"Well, there's a poster down at the Post Office that says 'Man wanted for robbery in New York' and he applied for the job!"*

Leroy Steffen
Long Prairie, Minnesota

A tourist had just bought a peace pipe from an Indian trading post. On the bottom of it he saw a message written in Indian. He took it to an old Indian who smiled and replied, *"It says smoking may be hazardous to your health."*

Tom Albano
Sherman Oaks, California

I have a rooster so darn lazy—when another rooster crows he nods his head!

John Carroll
Section, Alabama

Little boy to father after hearing a a bedtime story: *"Okay, so the cow jumped over the moon—what about re-entry into earth's atmosphere?"*

Jimmy Williams
Covington, Georgia

"What do baby ghosts drink?"
"Evaporated milk."

Jimmie Bennett
Shady Spring, West Virginia

Ted: *"Why do street lights turn red?"*
Fred: *"I don't know, why?"*
Ted: *"You would too if you had to change in front of all those people."*

Monty Severe
Pendleton, Oregon

An airline pilot who liked to play practical jokes got grounded after a number of alarmed passengers complained to the airline about him. They said that, just before taking off, he boarded the plane and walked past the passengers muttering to himself and reading a book entitled, *How to Fly in Ten Easy Lessons.*

Ralph Zeikle
Polo, Missouri

Larry: *"Why do you call your car a run-about?"*
Henry: *"Because it runs about five miles and then breaks down."*

Faye Kagele
Ritzville, Washington

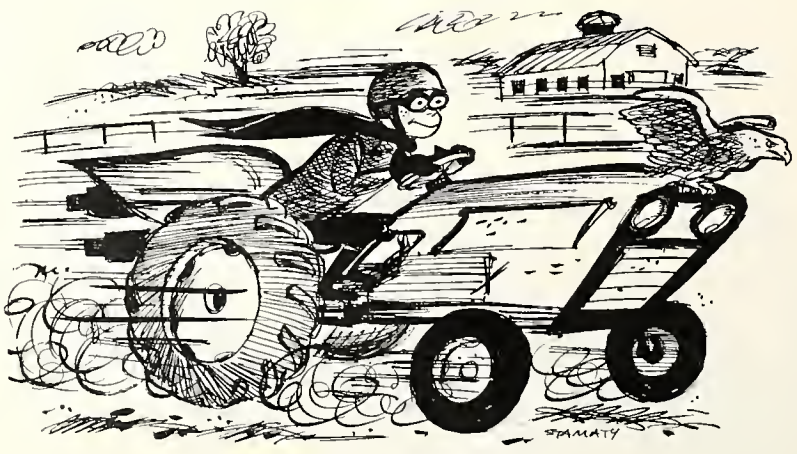
Boy: *"Dad, there was a man here to see you today."*
Dad: *"Did he have a bill?"*
Boy: *"No, Dad, just an ordinary nose."*

Wanda Pfeifer
Morland, Kansas

"Why did the man carry his umbrella to church?"
"Because he heard that the preacher was going to preach up a storm."

Willie Heflin, Jr.
Lineville, Alabama

Charlie, the Greenhand



"Red Baron of the barnyard!"

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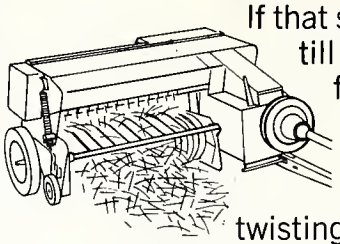

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